



LiDAR Acquisition and Processing Report

Escambia County

Alabama



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PROJECT AREA

The project area encompasses Escambia County located in the state of Alabama. The total area of the project is approximately 952 square miles or 2,453 square kilometers.

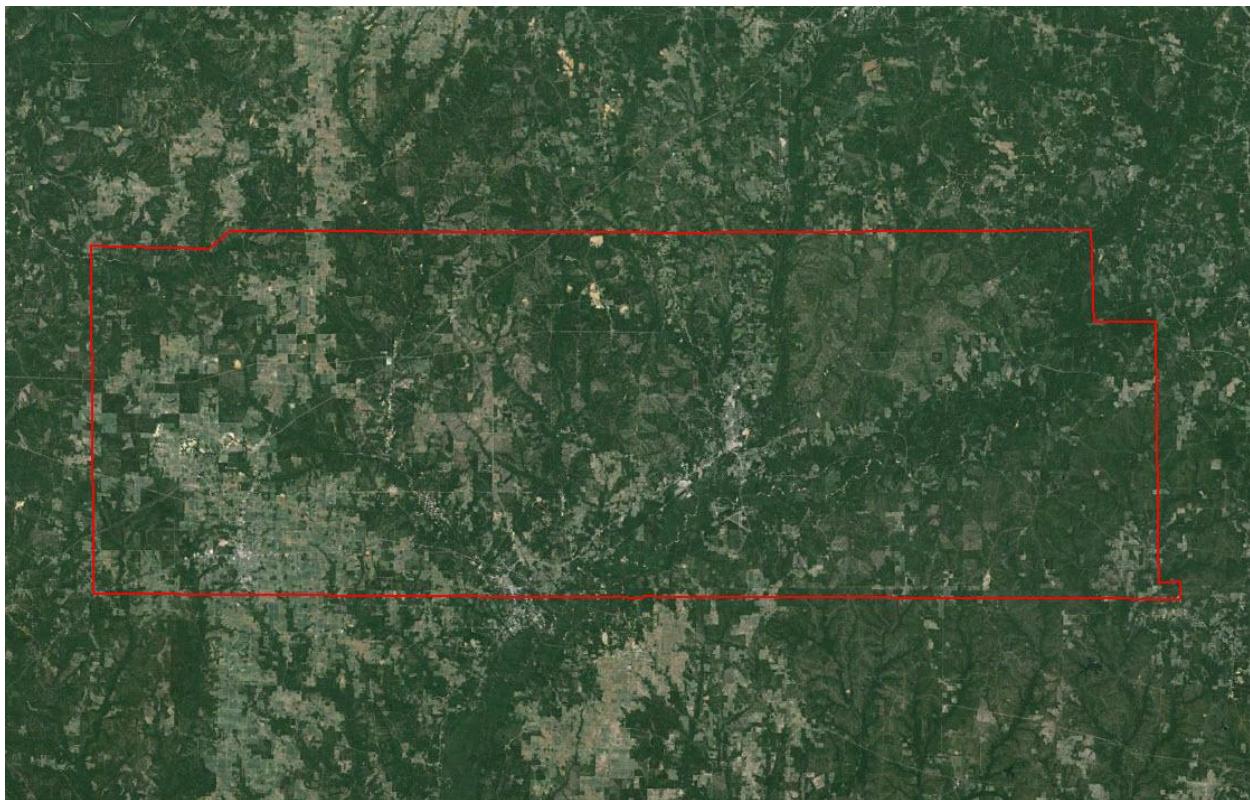


Figure 1: Project Area-Escambia County

ACQUISITION DATES

The LiDAR survey was conducted between January 22nd, 2013 and January 31st, 2013.

DATUM REFERENCE

Data produced for the project were delivered in the following reference system.

Horizontal Datum: The horizontal datum for the project is North American Datum of 1983

Vertical Datum: The Vertical datum for the project is North American Vertical Datum of 1988

Coordinate System: State Plane Alabama West

Units: Horizontal units are in Feet, Vertical units are in Feet.

Geoid Model: Geoid12A

LIDAR ACQUISITION DETAILS

Atlantic planned 63 passes for the project area as a series of parallel flight lines with cross flightlines for the purposes of quality control. The flight plan included zigzag flight line collection as a result of the inherent IMU drift associated with all IMU systems. In order to reduce any margin for error in the flight plan, Atlantic followed FEMA's Appendix A "guidelines" for flight planning and, at a minimum, includes the following criteria:

- A digital flight line layout using LEICA MISSION PRO flight design software for direct integration into the aircraft flight navigation system.
 - LiDAR coverage extended by a predetermined margin beyond all project borders to ensure necessary over-edge coverage appropriate for specific task order deliverables.
 - Local restrictions related to air space and any controlled areas have been investigated so that required permissions can be obtained in a timely manner with respect to schedule.
- Additionally, Atlantic Group will file our flight plans as required by local Air Traffic Control (ATC) prior to each mission.

Atlantic monitored weather and atmospheric conditions and conducted LiDAR missions only when no conditions exist below the sensor that will affect the collection of data. These conditions include leaf-off for hardwoods, no snow, rain, fog, smoke, mist and low clouds. LiDAR systems are active sensors, not requiring light, thus missions may be conducted during night hours when weather restrictions do not prevent collection. Atlantic accesses reliable weather sites and indicators (webcams) to establish the highest probability for successful collection in order to position our sensor to maximize successful data acquisition.

Within 72-hours prior to the planned day(s) of acquisition, Atlantic closely monitored the weather, checking all sources for forecasts at least twice daily. As soon as weather conditions were conducive to acquisition, our aircraft mobilized to the project site to begin data collection. Once on site, the acquisition team took responsibility for weather analysis.

Atlantic LiDAR sensors are calibrated at a designated site located at the Fayetteville Municipal Airport (FYM) in Fayetteville, TN are periodically checked and adjusted to minimize corrections at project sites.

ACQUISITION EQUIPMENT

Atlantic operated a Partenavia P68 (Tail # N775MW) outfitted with a Leica ALS70-HP LiDAR system during the collection of the project area. Table 1 represents a list of the features and characteristics for the Leica ALS70-HP LiDAR system:

Atlantic's Sensor Characteristics		
Leica ALS70-HP		
Manufacturer	Leica	
Model	ALS70 - HP	
Platform	Fixed-wing	
Scan Pattern	sine, triangle, raster	
Maximum Scan rate (Hz)	sine	200
	triangle	158
	raster	120
Field of view (°)	0 - 75 (full angle, user adjustable)	
Maximum Pulse rate (kHz)	500	
Maximum Flying height (m AGL)	3500	
Number of returns	unlimited	
Number of intensity measurements	3 (first, second, third)	
Roll stabilization (automatic adaptive, °)	75 - active FOV	
Storage media	removable 500 GB SSD	
Storage capacity (hours @ max pulse rate)	6	
size (cm)	Scanner	37 W x 68 L x 26 H
	Control Electronics	45 W x 47 D x 36 H
Weight (kg)	Scanner	43
	Control Electronics	45
Operating Temperature	0 - 40 °C	
Flight Management	FCMS	
Power Consumption	927 W @ 22.0 - 30.3 VDC	

Table 1: Atlantic's Sensor Characteristics

LIDAR SYSTEM PARAMETERS

Table 2 illustrates Atlantic's system parameters for LiDAR acquisition on this project.

LiDAR System Aquisition Parameters	
Item	Parameter
System	Leica ALS-70 HP
Altitude (AGL meters)	2000
Approx. Ground Speed (kts)	140
Laser Firing Rate (kHz)	270.4
Scan Frequency (hz)	32.9
Swath width (m)	1456
Swath Overlap (%)	30
Line Spacing (m)	982
Pass heading (degree)	90.4
Field of View (degree)	40
Points per meter ² (m)	2.6
Scan Pattern	Sine

Table 2: LiDAR System Acquisition Parameters

LIDAR ACQUISITION CONTROL

A total of 3 NGS monuments and 1 CORS station were used to control the LiDAR acquisition for the Escambia County project area. The coordinates of the monuments are provided in the table below in GCS_NAD83 (2011), Ellipsoid, Meters.

Acquisition Control Coordinates				
Name	PID	Latitude (N)	Longitude (W)	Ellipsoid (meters)
BREWPORt	BU1976	31 03 18.94779	087 03 47.10007	-2.644
27 28	AA2224	31 04 14.53663	087 22 15.09926	53.243
X 409	BU1470	31 01 14.41320	087 32 20.57476	41.317
CRST	DH7111	30 43 33.85320	086 30 22.19168	33.985

Table 3: Acquisition Control Coordinates

ACQUISITION STATUS REPORT AND FLIGHTLINES

Upon notification to proceed, the flight crew loaded the flight plans and validated the flight parameters. The Acquisition Manager contacted air traffic control and coordinated flight pattern requirements. LiDAR acquisition began immediately upon notification that control base stations were in place. During flight operations, the flight crew monitored weather and atmospheric conditions. LiDAR missions were

flown only when no condition existed below the sensor that would affect the collection of data. The pilot constantly monitored the aircraft course, position, pitch, roll, and yaw of the aircraft. The sensor operator monitored the sensor, the status of PDOPs, and performed the first Q/C review during acquisition. The flight crew constantly reviewed weather and cloud locations. Any flight lines impacted by unfavorable conditions were marked as invalid and re-flown immediately or at an optimal time.

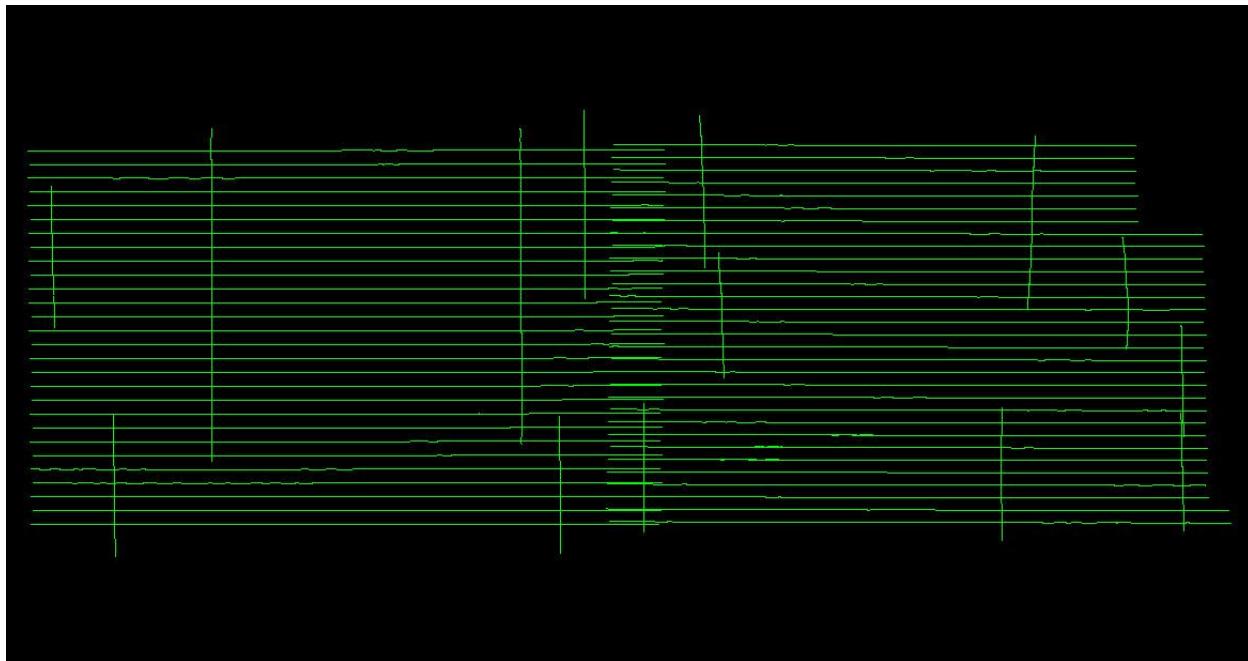


Figure 2: Trajectories as flown by Atlantic

AIRBORNE GPS KINEMATIC

Airborne GPS data was processed using the Leica IPAS TC software. Flights were flown with a minimum of 6 satellites in view (13° above the horizon) and with a PDOP of better than 3. Distances from base station to aircraft were kept to a maximum of 40km.

For all flights, the GPS data can be classified as excellent, with GPS residuals of 3cm average or better but no larger than 10cm being recorded.

Data collected by the LiDAR unit is reviewed for completeness, acceptable density and to make sure all data is captured without errors or corrupted values. In addition, all GPS, aircraft trajectory, mission information, and ground control files are reviewed and logged into a database.

GPS processing reports for each mission are included in Appendix A.

GENERATION AND CALIBRATION OF LASER POINTS (RAW DATA)

The initial step of calibration is to verify availability and status of all needed GPS and Laser data against field notes and compile any data if not complete. Subsequently the mission points are output using Leica's ALS Post Processor, initially with default values from Leica or the last mission calibrated for the

system. The initial point generation for each mission calibration is verified within Terrascan using distance colored points to identify errors. If a calibration error greater than specification is observed within the mission, the roll, pitch and scanner scale corrections that need to be applied are calculated. The missions with the new calibration values are output again and validated internally to ensure quality. Once validated each output mission is imported into the Geocue software package. Here a project level supplementary coverage check is carried out to ensure no data voids unreported by Field Operations are present.



Figure 3: LiDAR swath data showing complete coverage



Figure 4: LiDAR Swath Cross flights

Flight logs for each mission are included in Appendix B.

RELATIVE ACCURACY

For effective data management, each imported mission is tiled out in Geocue to a project specific tile scheme or index. Relative accuracy and internal quality are then checked using a number of carefully selected tiles in which points from all lines are loaded and inspected. Vertical differences between ground surfaces of each line are displayed by the generation of Z-difference colored intensity orthos in Geocue. The color scale of these orthos are adjusted so that errors greater than the specifications are flagged. Cross sections are visually inspected across each block to validate point to point, flight line to flight line and mission to mission agreement.

For this project the specifications used are as follows:

Relative accuracy <=.223ft (7cm) RMSEZ within individual swaths and <=.328ft (10 cm) RMSEZ or within swath overlap (between adjacent swaths).

CLASSIFICATION

The classification process begins with an initial classification macro that is applied through Terrascan. The macro uses a set of algorithms that classifies the LiDAR point cloud into a specific classification scheme and serves as a starting base for the manual editing to begin. The following point cloud classification scheme is used at a minimum for each project.

Point Cloud Classification Scheme	
Code	Description
1	Processed, but unclassified
2	Bare-earth ground
7	Noise (low or high; manually identified; if needed)
9	Water
10	Ignored Ground (Breakline proximity)
11	Withheld (if the Withheld bit is not implemented in processing software)

Table 4: Point Cloud Classification Scheme

Manual classification is performed with the Terrasolid class tools (Terrascan) and surface representation tools (Terramodeler). Real time shaded surfaces are used to identify classification anomalies and artifacts. Each tile is viewed for manual classification and quality assurance.

BREAKLINE COLLECTION

Hydro break line collection is performed manually in ESRI ArcMap using a combination of the classified LiDAR bare earth surface; LiDAR derived intensity orthos, and a terrain dataset. Break lines are drawn at the intersection of the water line for all inland water bodies that are greater than two acres and all double line features that are greater than 100 feet in width. Final Break lines are then converted to a “3D” enabled shapefile to later hold elevation values from the surrounding LiDAR.

HYDRO-FLATTENING

The LP360 ArcMap Extension allows break line conflation from the LiDAR bare earth surface in real time display. The hydro break lines are then used to classify any ground points that fall within the hydro features and a buffer class is applied to all hydro features. The Break lines are then conflated in LP360 and are given a vertical elevation value from the surrounding bare earth LiDAR points. Two types of conflation are performed in this process, one for closed features that uses a minimum “Z” value and another for double features that uses a “downhill” flowing value.

BARE EARTH DEM'S

After hydro classification and conflation is complete the break lines are laid over the classified LiDAR dataset along with the local tiling index. Bare Earth Digital Elevation Models (DEMs) are then processed using LP360 extension and are told to use previously conflated break line file to produce a “hydro flattened” DEM. The resulting final product is a 32 bit floating point .TiF image file for each corresponding tile in the designated project area. Each final DEM is viewed in Global Mapper to ensure proper flattening and downhill constraint.

VERTICAL ACCURACY ASSESSMENT

An RMSE_z error check is performed by Atlantic at this stage of the project life cycle in the calibrated LiDAR dataset against GPS static and kinematic data and compared to RMSE_z project specifications. Vertical Accuracy of the LiDAR data was assessed and reported in accordance with guidelines developed by the National Digital Elevation Program (NDEP) and subsequently adopted by the American Society for Photogrammetry and Remote Sensing (ASPRS). Guidelines are listed below:

- Fundamental Vertical Accuracy (FVA)<=.804ft (24.5cm) ACC_z, 95% RMSE_z .410ft (12.5cm)
- Consolidated Vertical Accuracy (CVA)<=1.19ft (36.3cm) ACC_z, 95% RMSE_z .410ft (12.5cm)
- Supplemental Vertical Accuracy (SVA)<=1.19ft (36.3cm) ACC_z, 95% RMSE_z .410ft (12.5cm)

The following are the final statistics for the checkpoints used by Atlantic to verify vertical accuracy.

Check Point Validation								
100 % of Totals	RMSE (ft)	Mean (ft)	Median (ft)	Skew	Std Dev (ft)	# of Points	Min (ft)	Max (ft)
Open Terrain	0.19	0.15	0.12	-0.37	0.13	20	-0.42	0.27
High Grass	0.29	0.25	-0.16	0.88	0.28	20	-0.43	0.61
Trees	0.34	0.27	0.24	-0.07	0.22	20	0.02	0.84
Consolidated	0.28	0.22	-0.05	0.40	0.28	60	-0.78	0.84

Table 5: Checkpoint Validation

The figures below illustrate the distribution of each land cover category checkpoints throughout the project area.

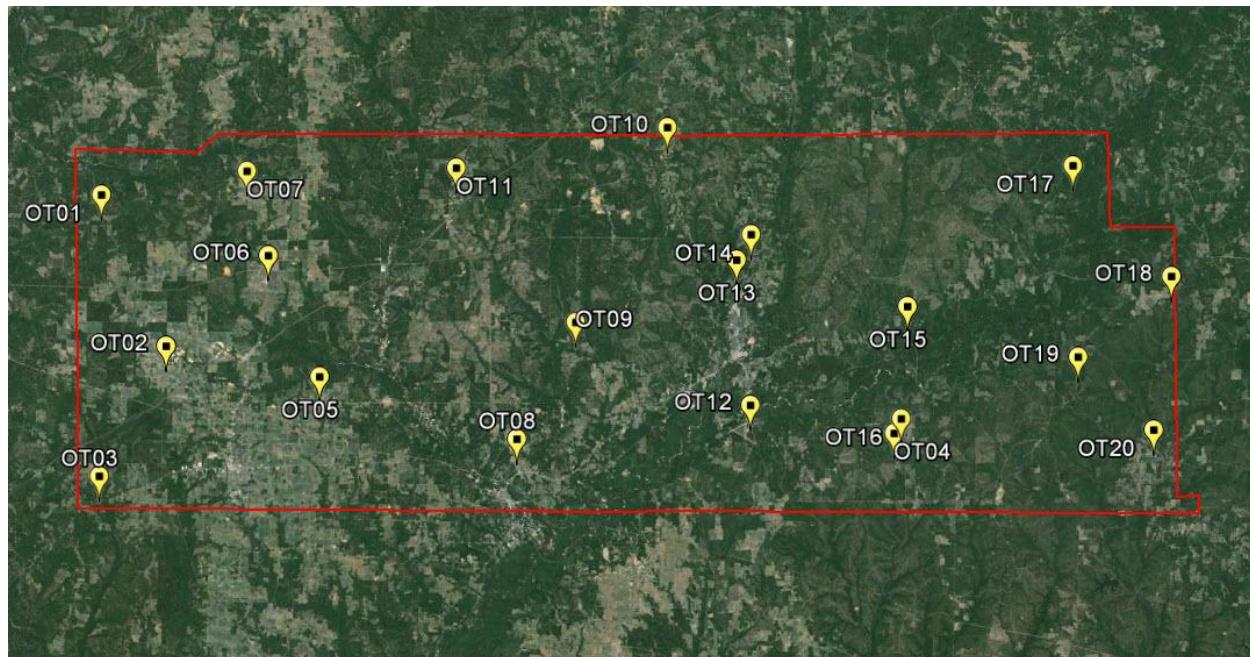


Figure 5: Open Terrain checkpoint Distribution

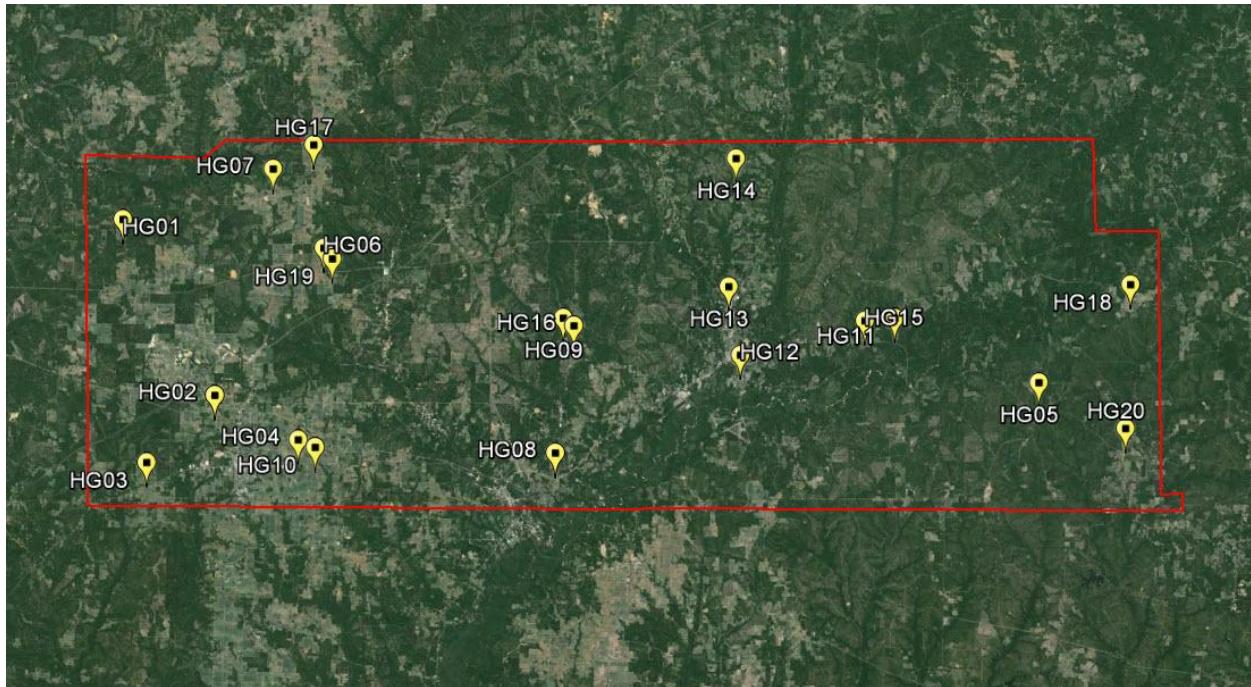


Figure 6: High Grass Checkpoint Distribution

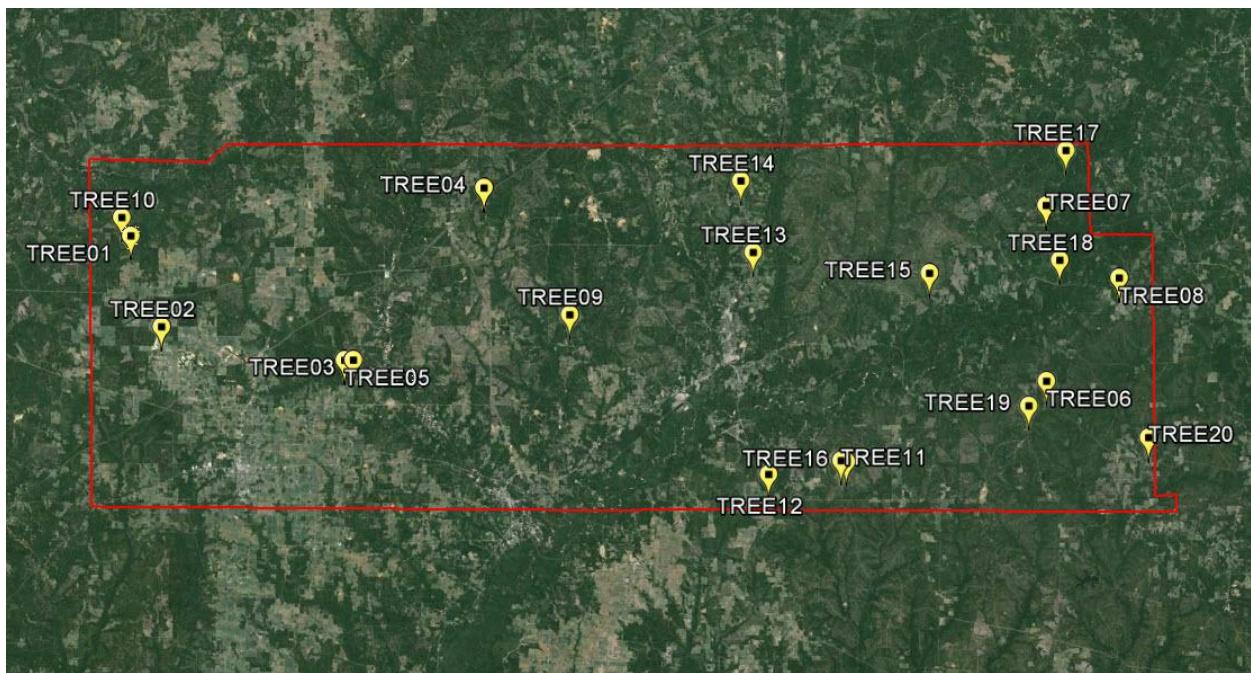


Figure 7: Tree Checkpoint Distribution

As part of the vertical accuracy assessment the fully calibrated swath LiDAR data, including all returns and collected points, is examined in open, flat areas and assessed for fundamental vertical accuracy. The

following are the statistics for the checkpoints used by Atlantic to verify the fundamental accuracy of the swath data.

Fundamental Vertical Accuracy of the LiDAR Point Data		
Land Cover Category	# of Points	FVA — Fundamental Vertical Accuracy (RMSEz x 1.9600) Spec=.80ft
Open Terrain	20	.41

Table 6: Fundamental Vertical Accuracy of the LiDAR Point Data

The LiDAR digital elevation models are also examined in open, flat areas away from breaks and are assessed for fundamental vertical accuracy. The following are the final statistics for checkpoints used by Atlantic to verify the FVA, CVA, and SVA of the derived digital elevation model vertical accuracy.

Digital Elevation Model Vertical Accuracies				
Land Cover Category	# of Points	FVA — Fundamental Vertical Accuracy (RMSEz x 1.9600) Spec=.80ft	CVA — Consolidated Vertical Accuracy (95th Percentile) Spec=1.19ft	SVA — Supplemental Vertical Accuracy (95th Percentile) Target=1.19ft
Open Terrain	20	0.38		
High Grass	20			0.61
Trees	20			0.61
Consolidated	60		0.44	

Table 7: Digital Elevation Model Vertical Accuracies

Overall the calibrated LiDAR data products collected by Atlantic meet or exceed the requirements set out in the Statement of Work. The quality control requirements of Atlantic's quality management program were adhered to throughout the acquisition stage for this project to ensure product quality.

Appendix A: GPS Processing Reports for Each Mission

Output Results for JD13022_1

Figure 1: Trajectory Map

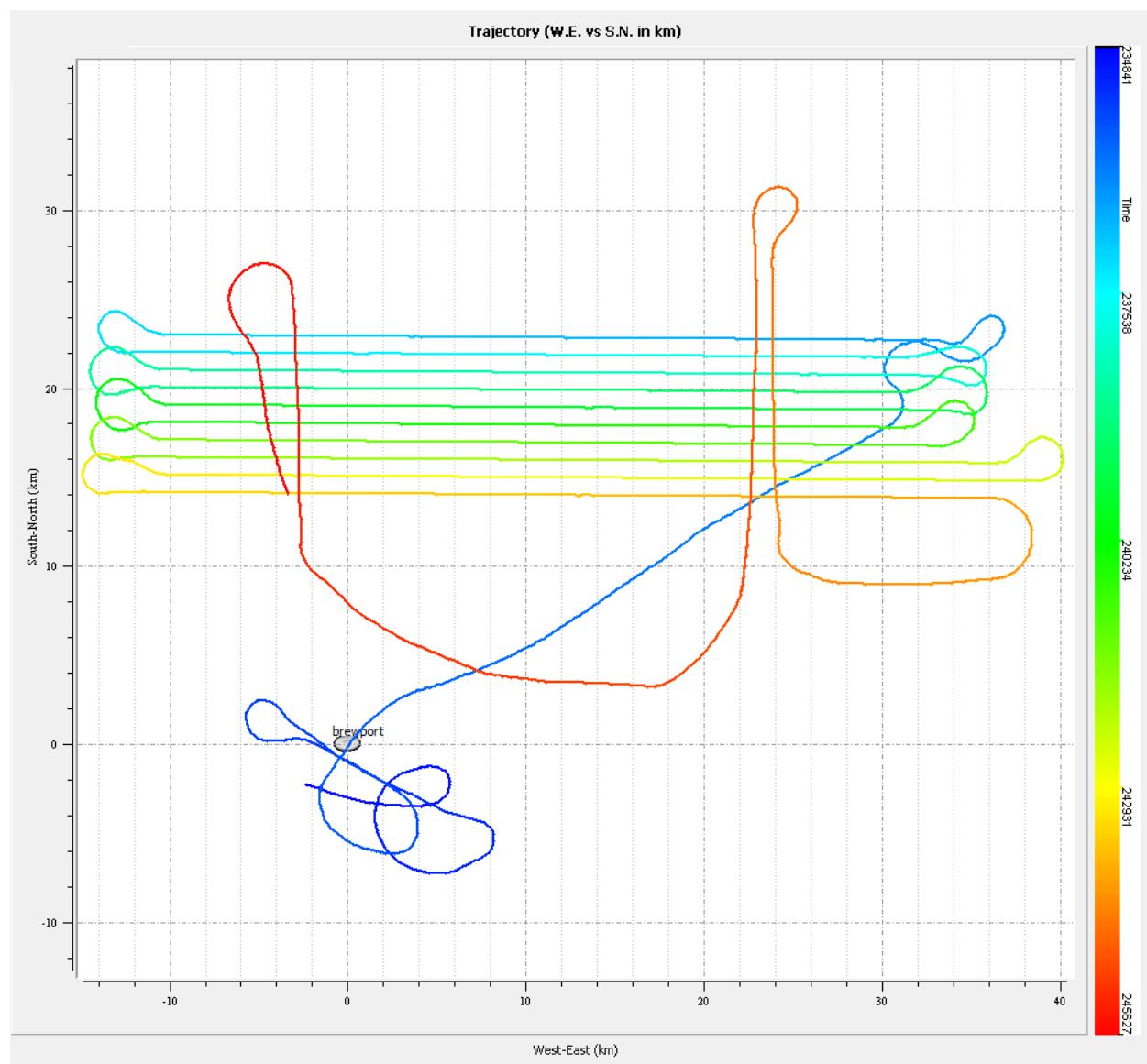


Figure 2: Velocity and Standard Deviation

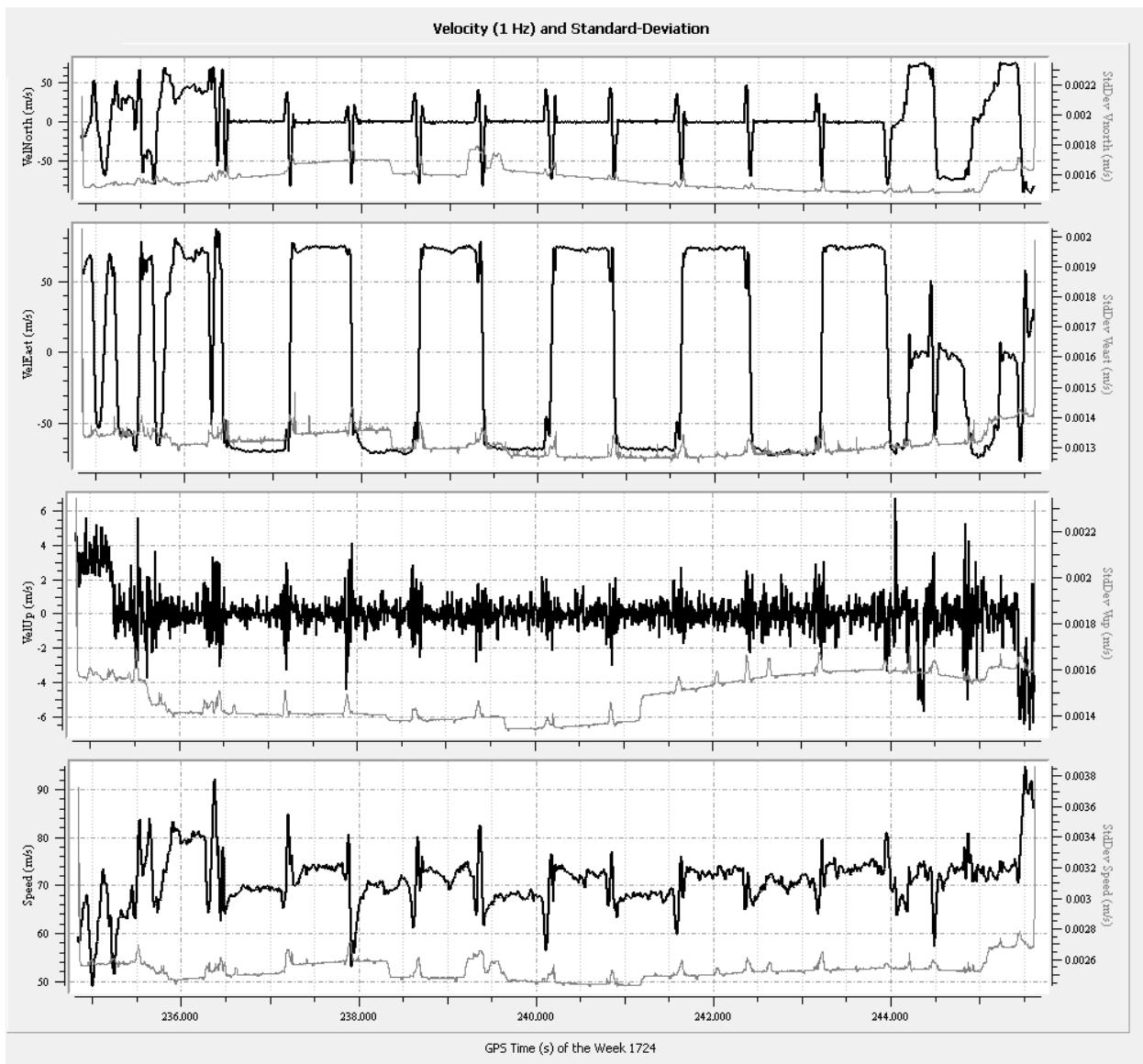


Figure 3: Forward/Reverse or Combined Separation Plot

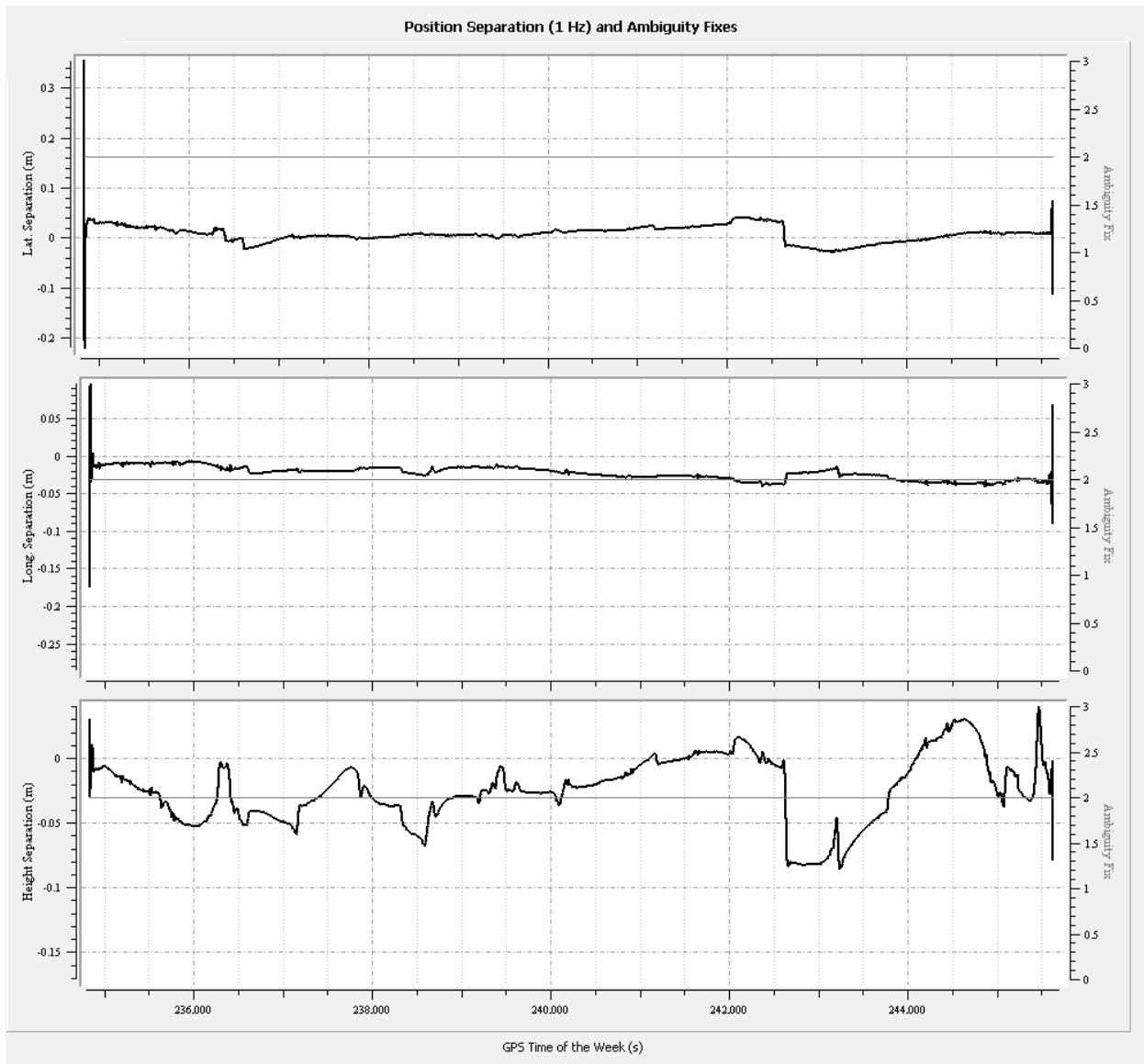


Figure 4: Attitude and Standard Deviation

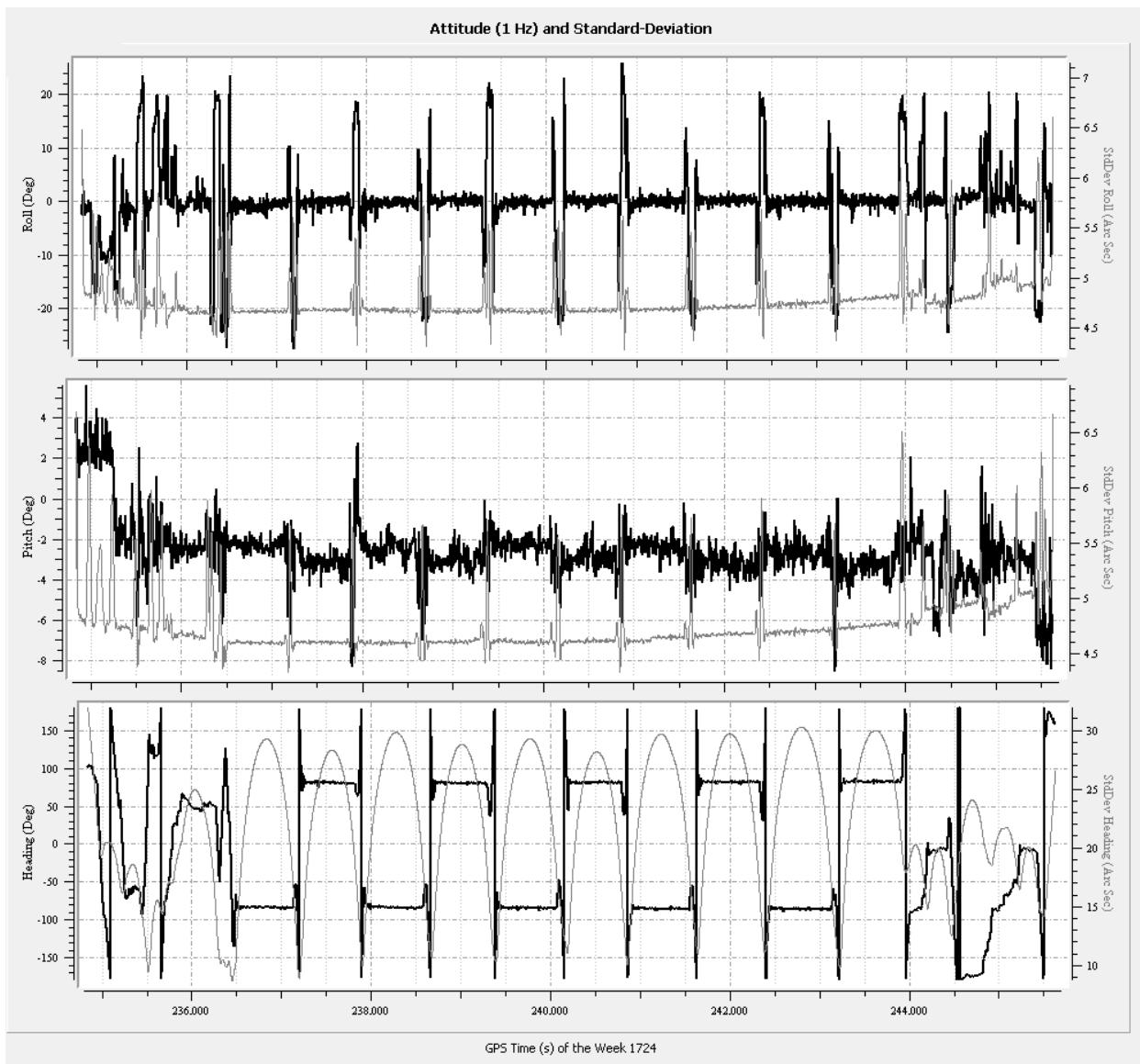


Figure 5: Position Accuracy and PDOP

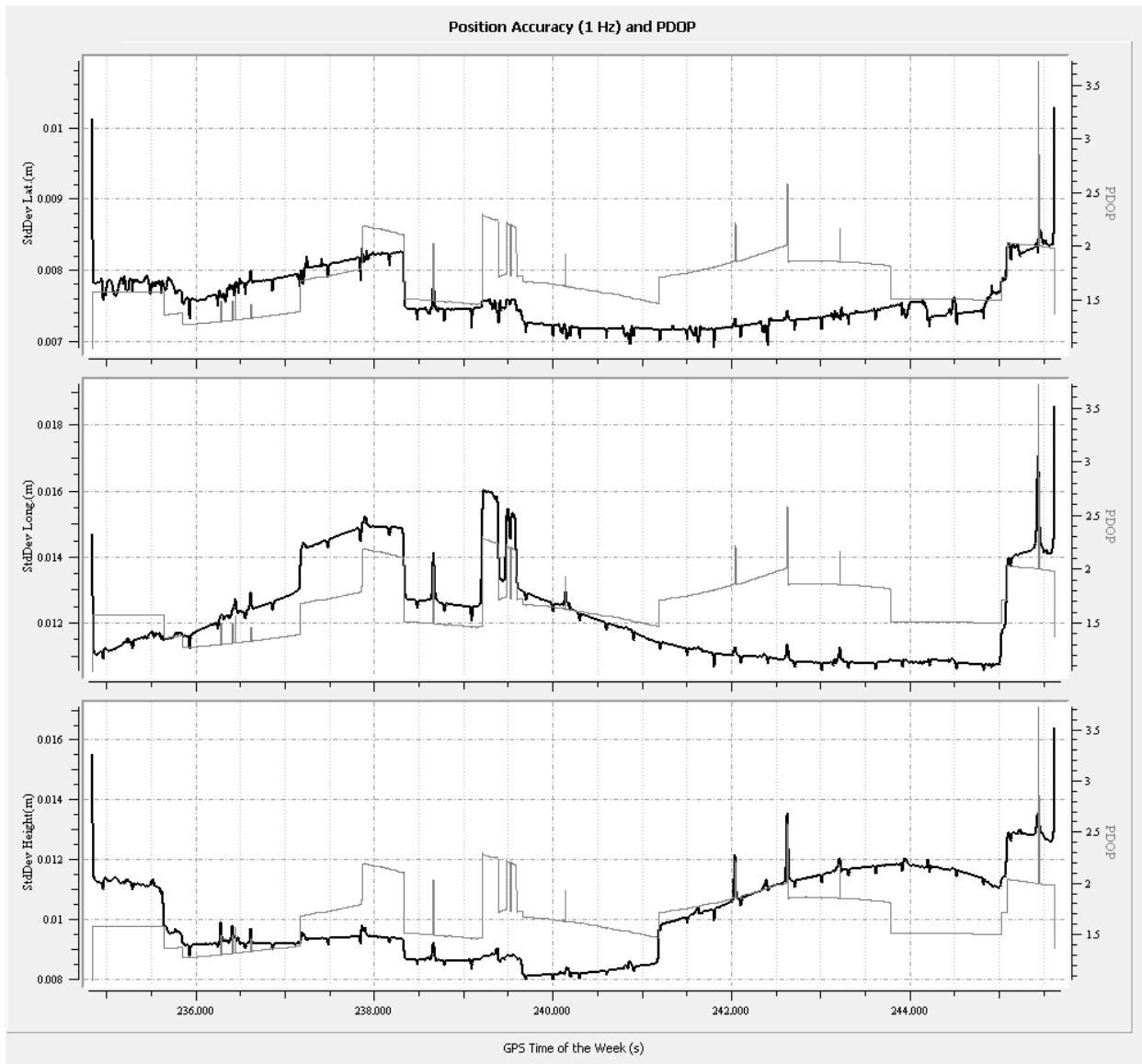


Figure 6: Accelerometer Bias Estimation

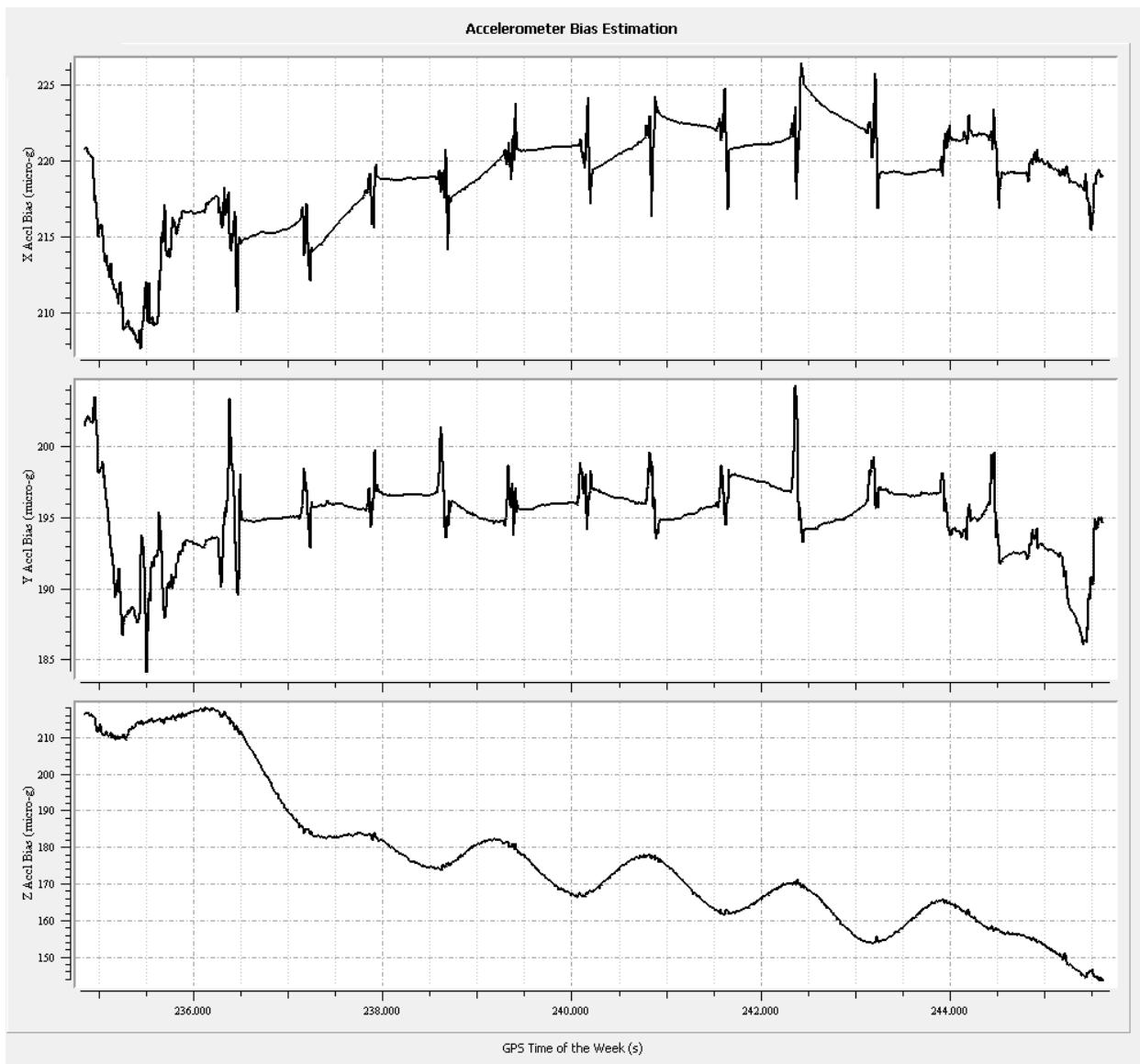


Figure 7: Kalman Filter Residuals and Position Accuracy

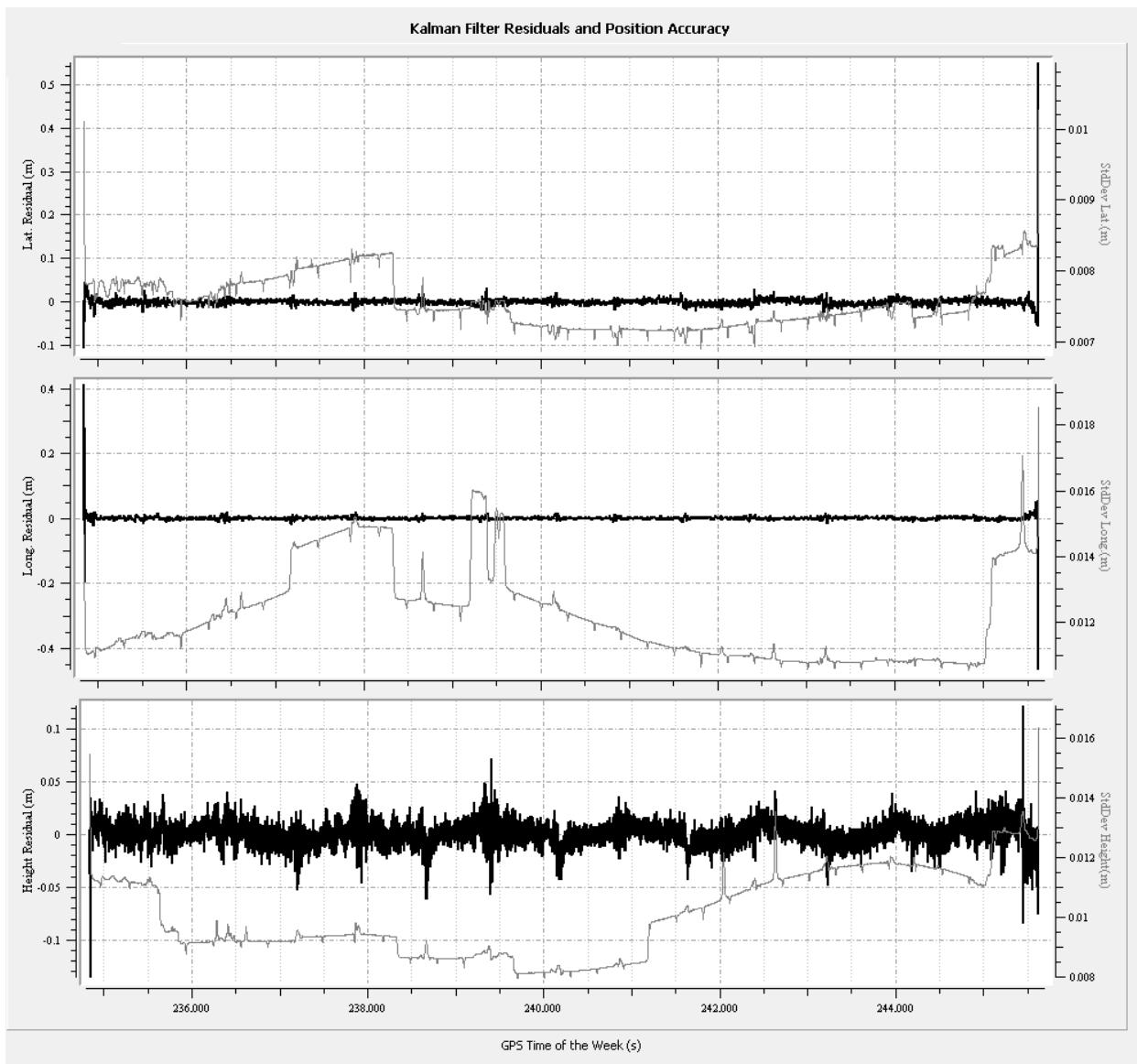
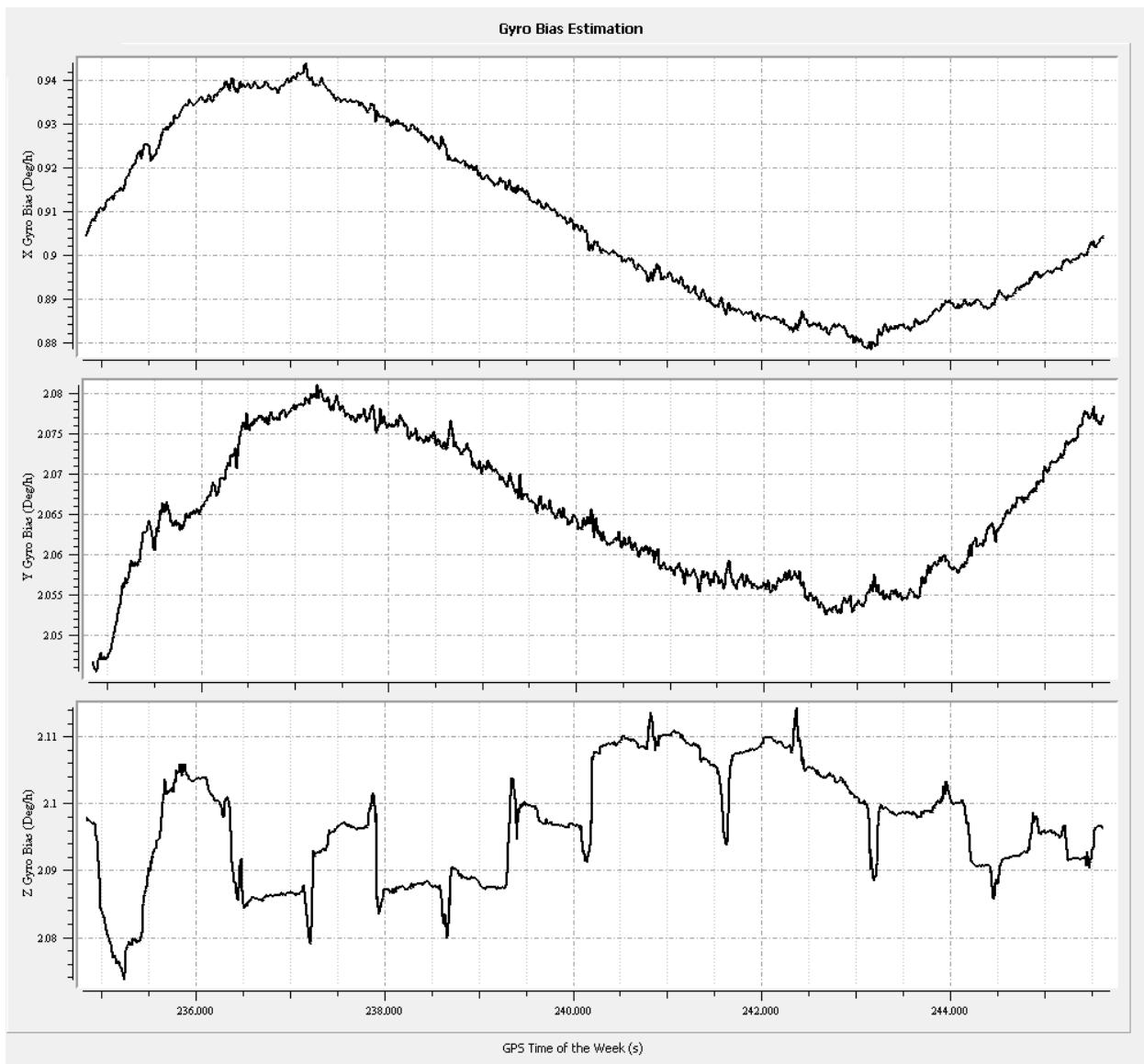


Figure 8: Gyro Bias Estimation



Output Result for JD13022_2

Figure 1: Trajectory Map

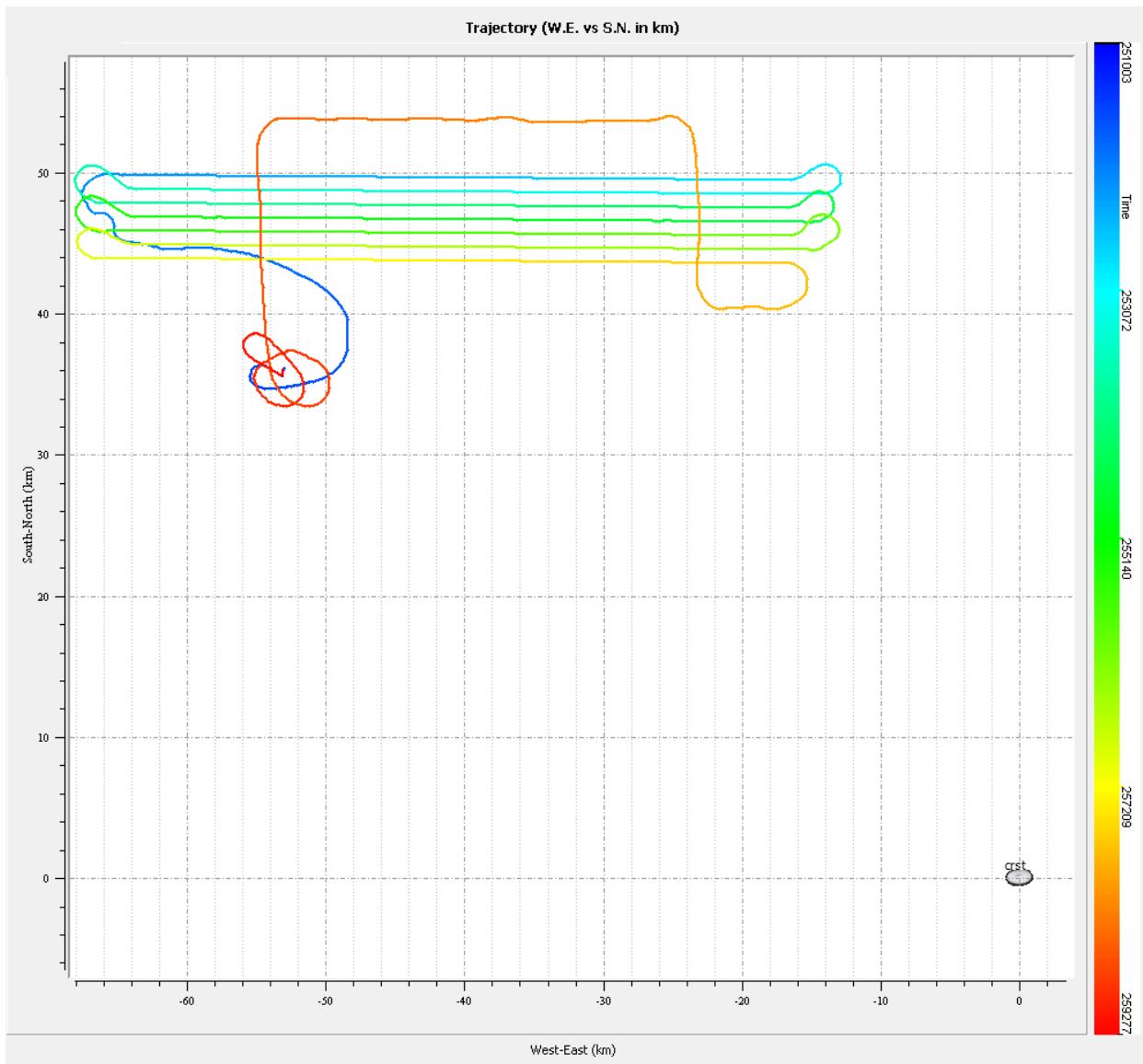


Figure 2: Velocity and Standard Deviation

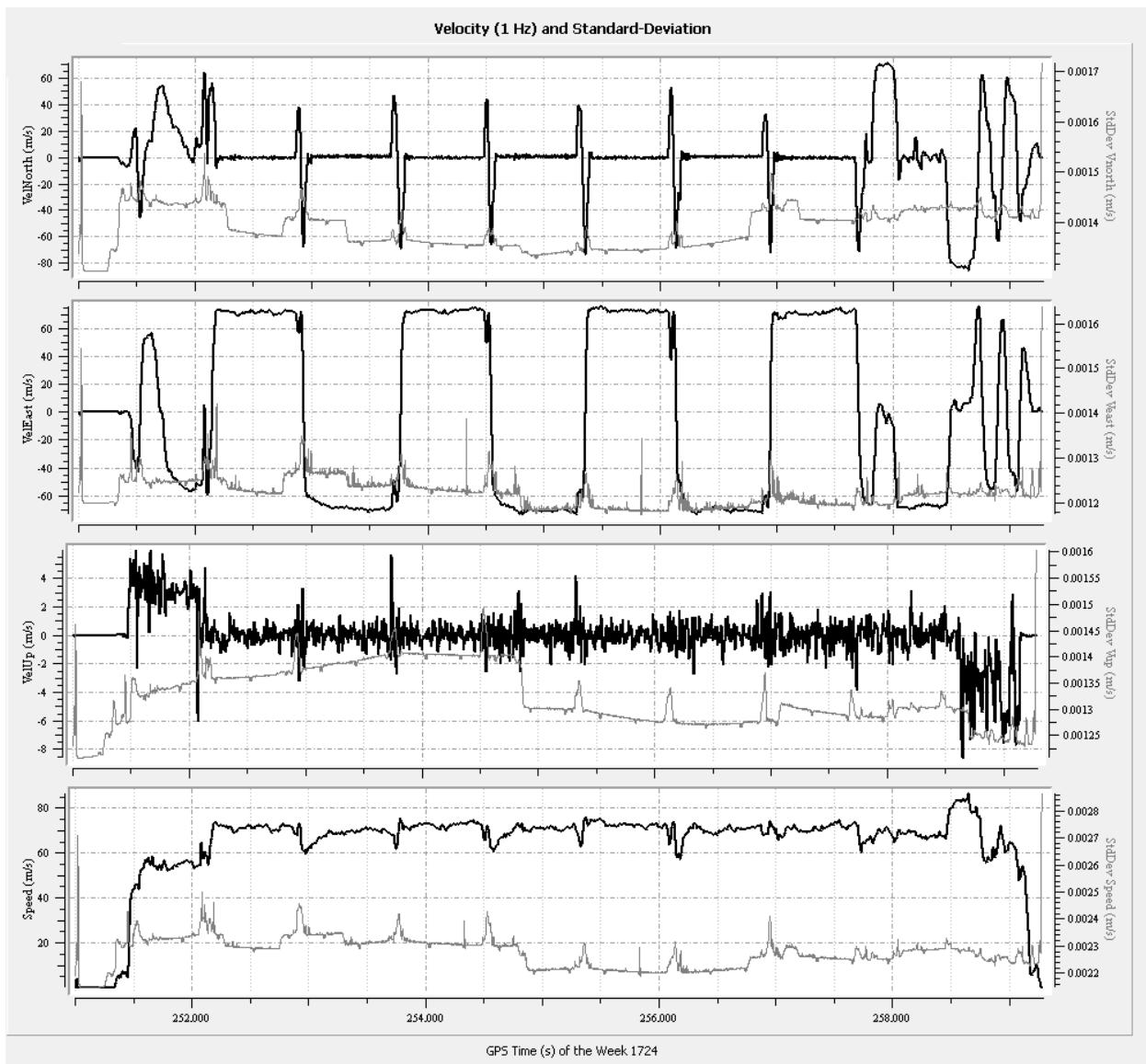


Figure 3: Forward/Reverse or Combined Separation Plot

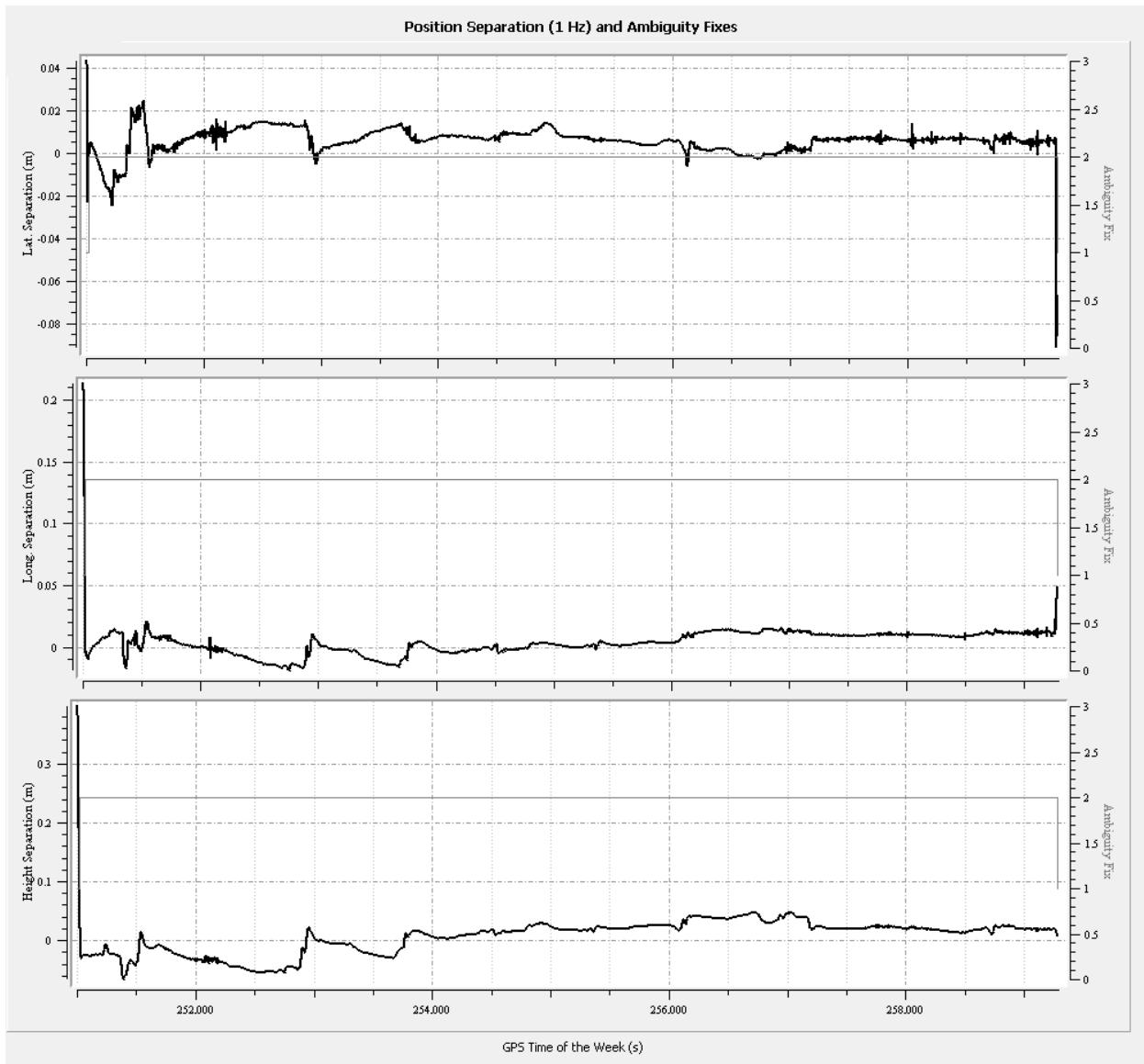


Figure 4: Attitude and Standard Deviation

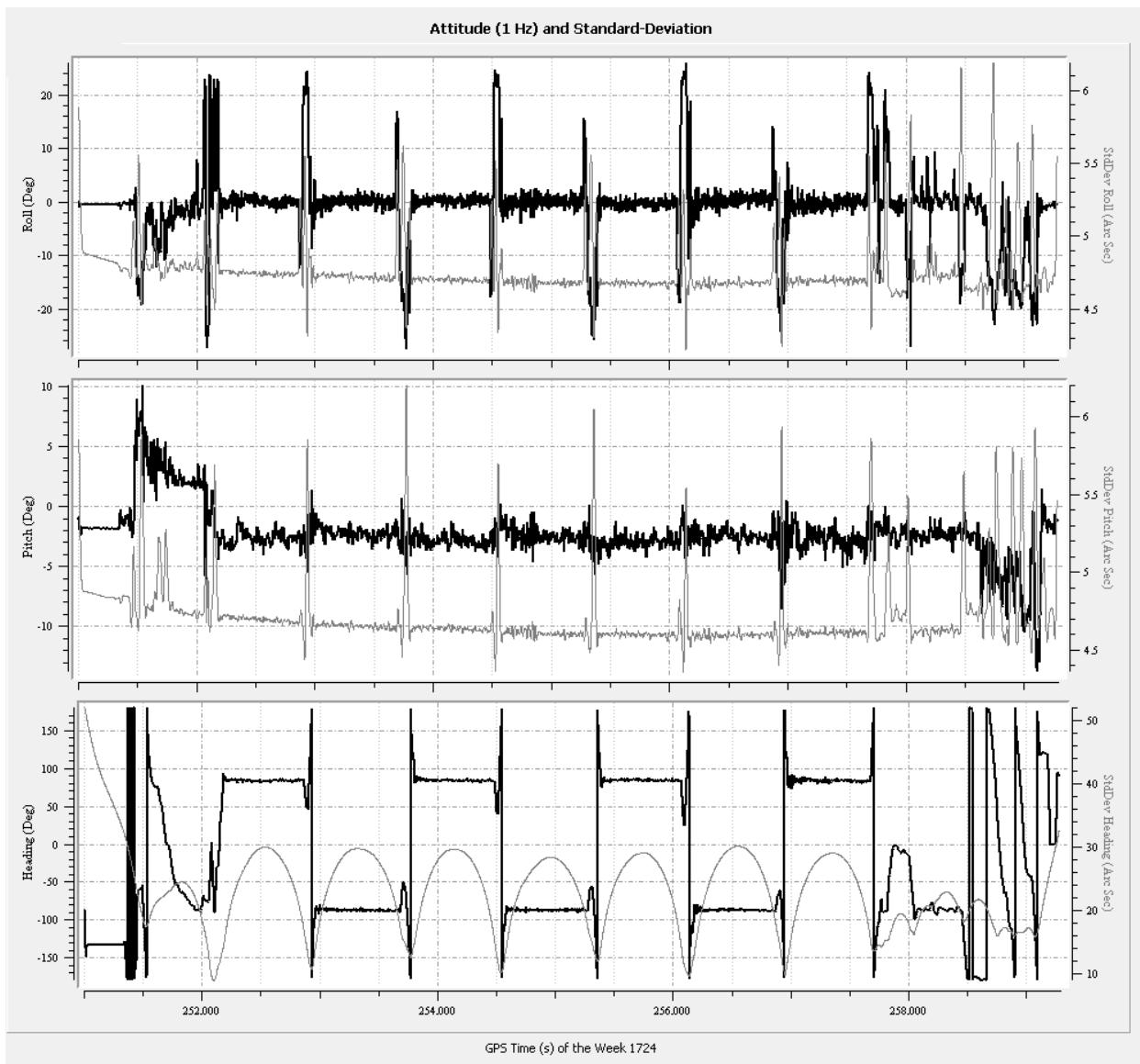


Figure 5: Position Accuracy and PDOP

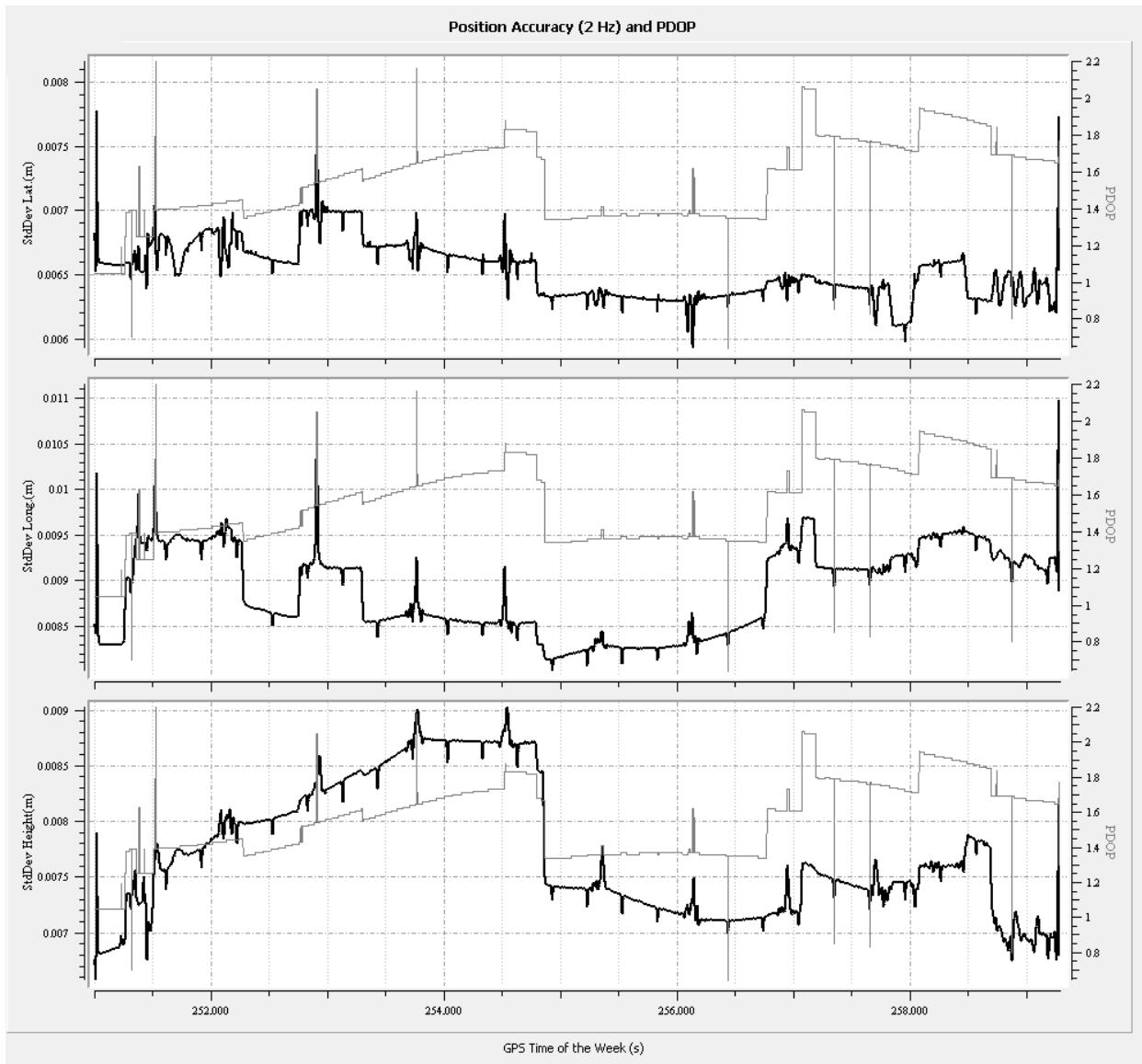


Figure 6: Accelerometer Bias Estimation

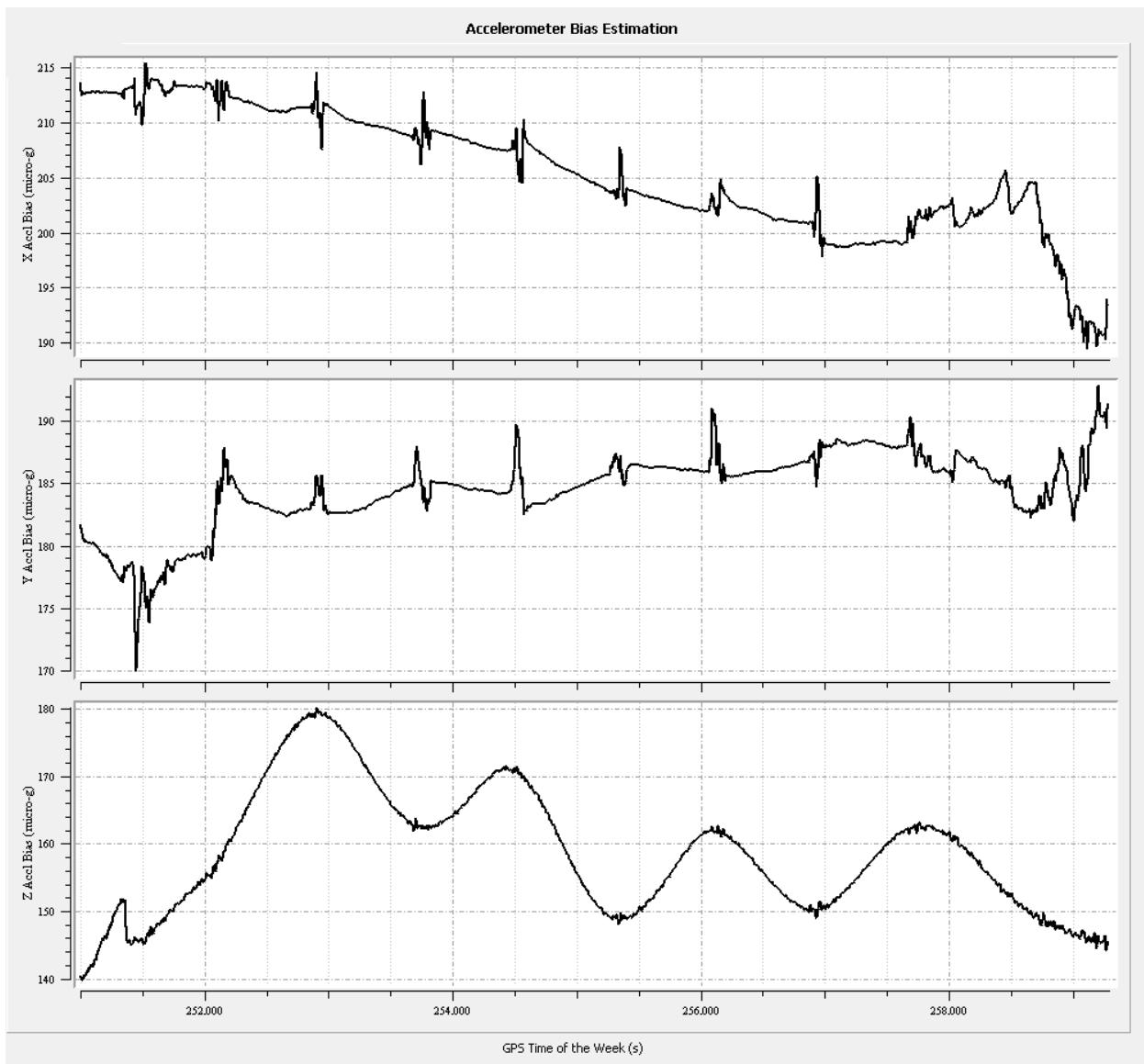


Figure 7: Kalman Filter Residuals and Position Accuracy

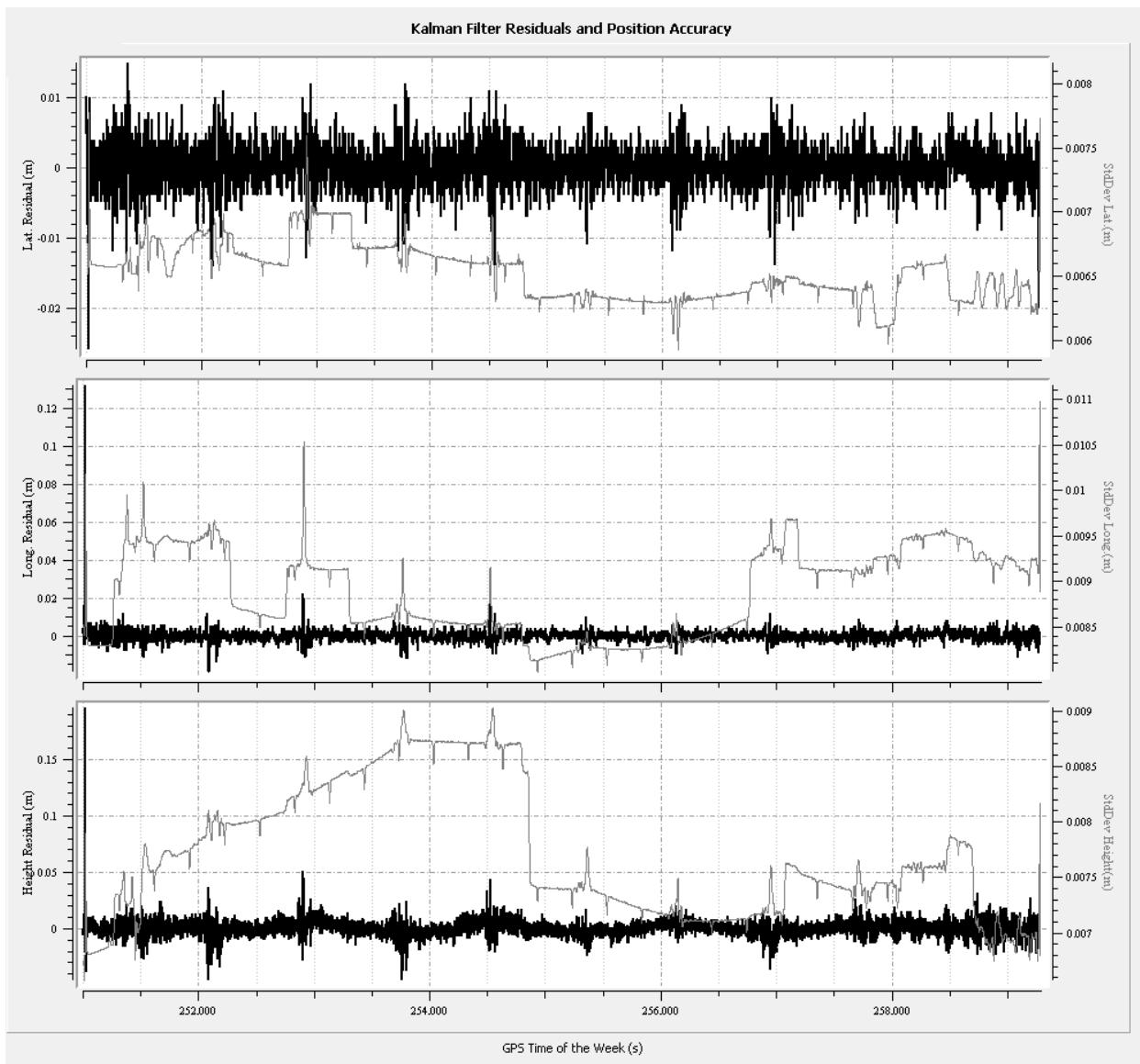
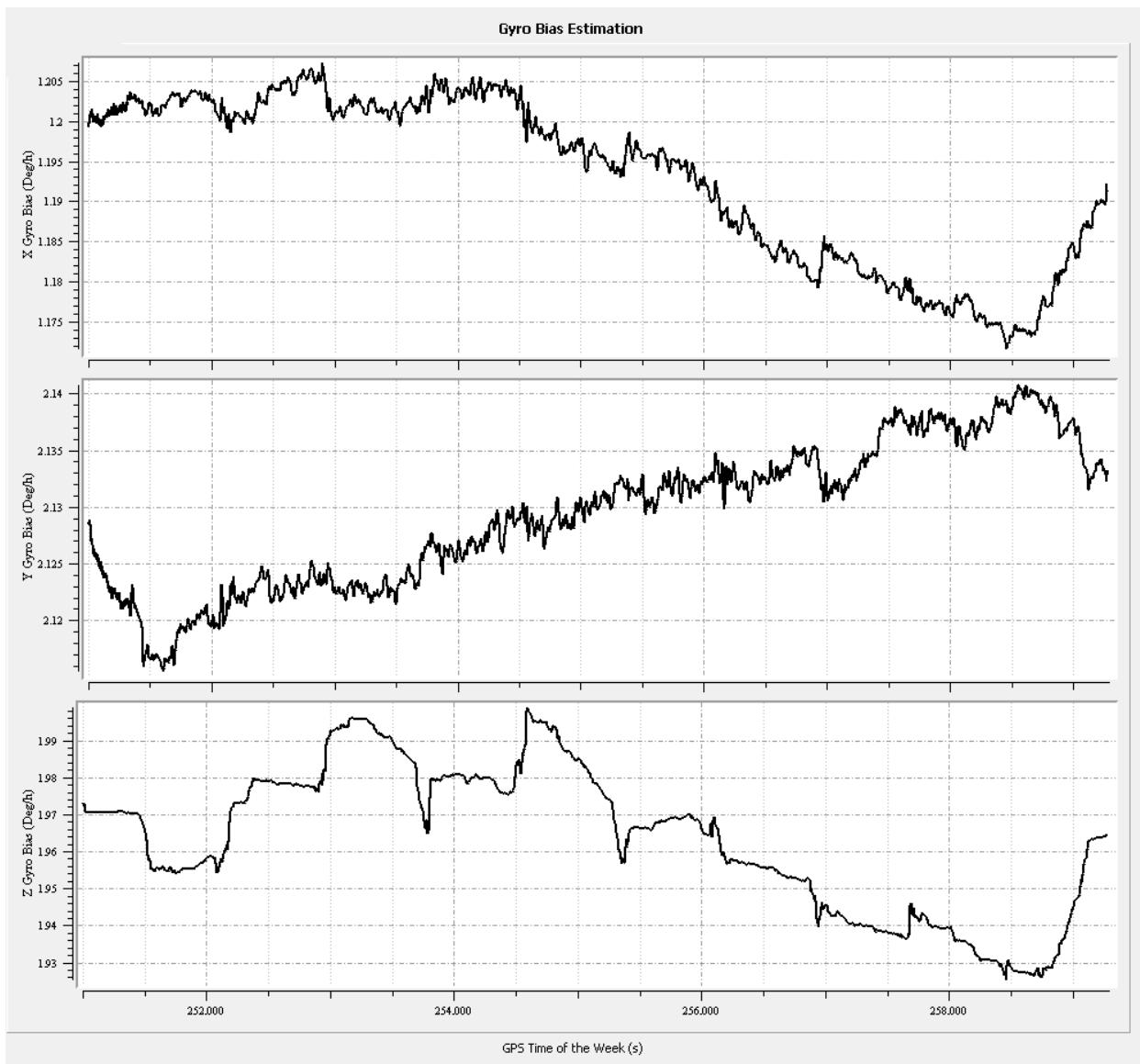


Figure 8: Gyro Bias Estimation



Output Result for JD13023_2

Figure 1: Trajectory Map

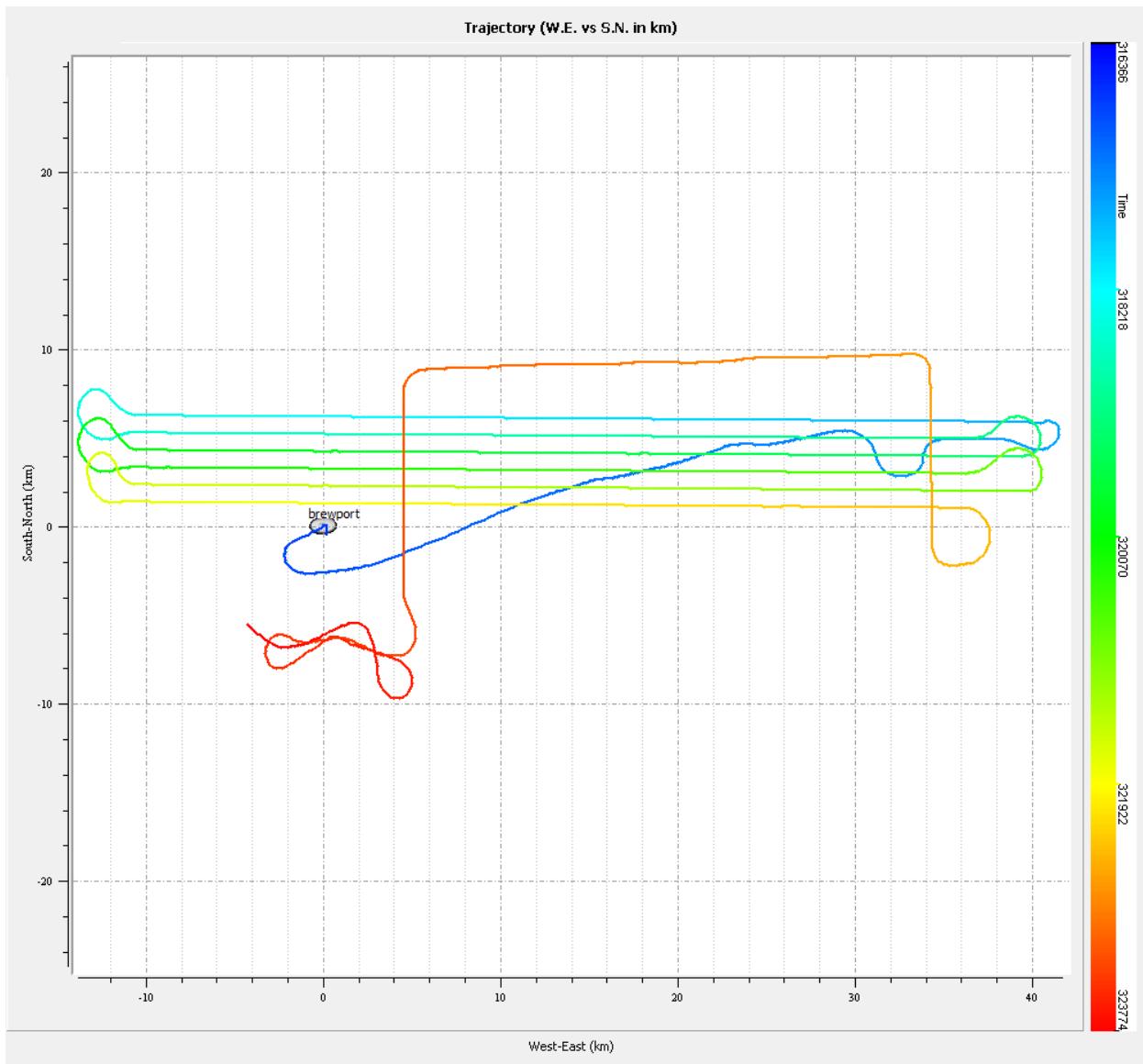


Figure 2: Velocity and Standard Deviation

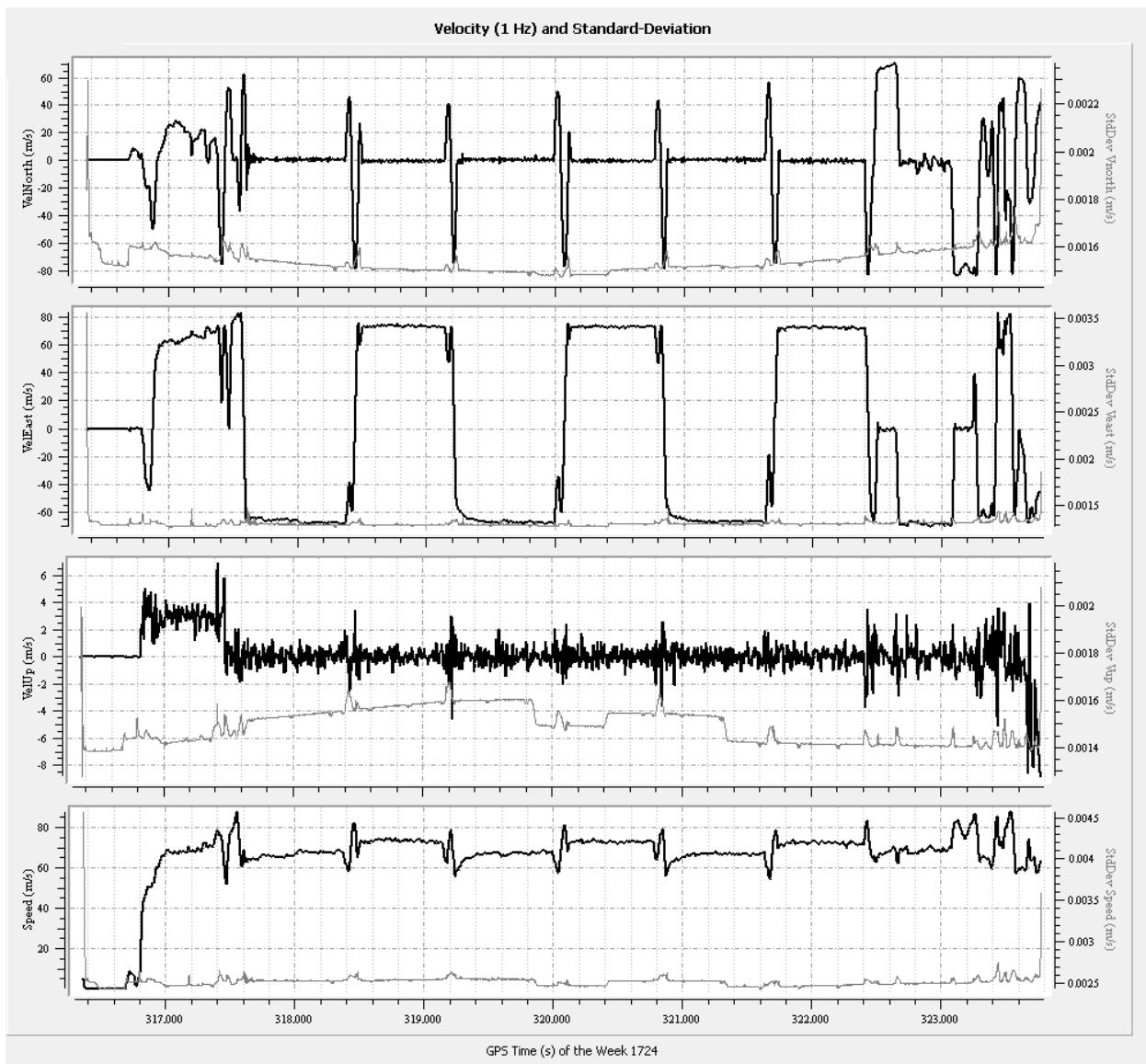


Figure 3: Forward/Reverse or Combined Separation Plot

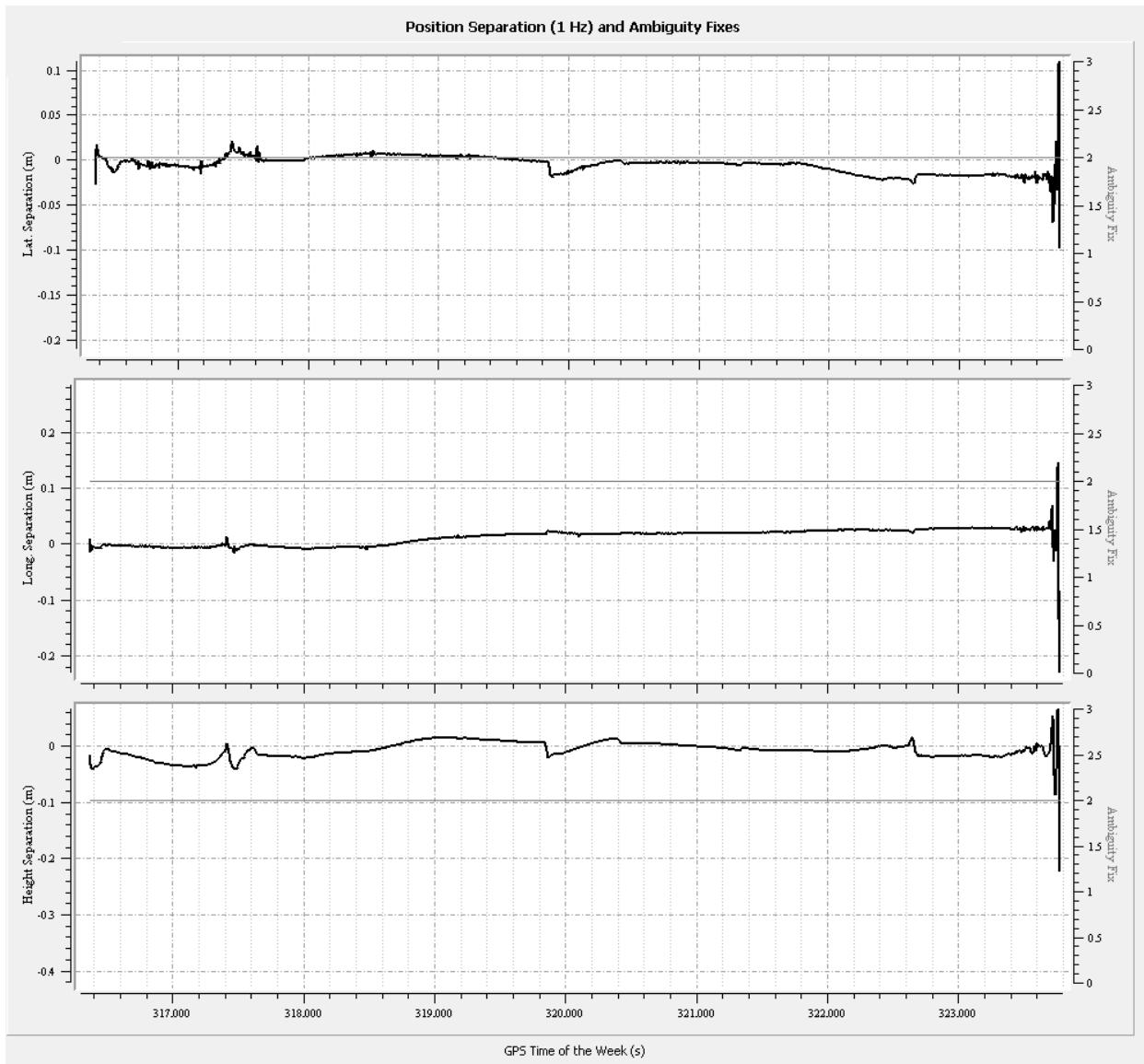


Figure 4: Attitude and Standard Deviation

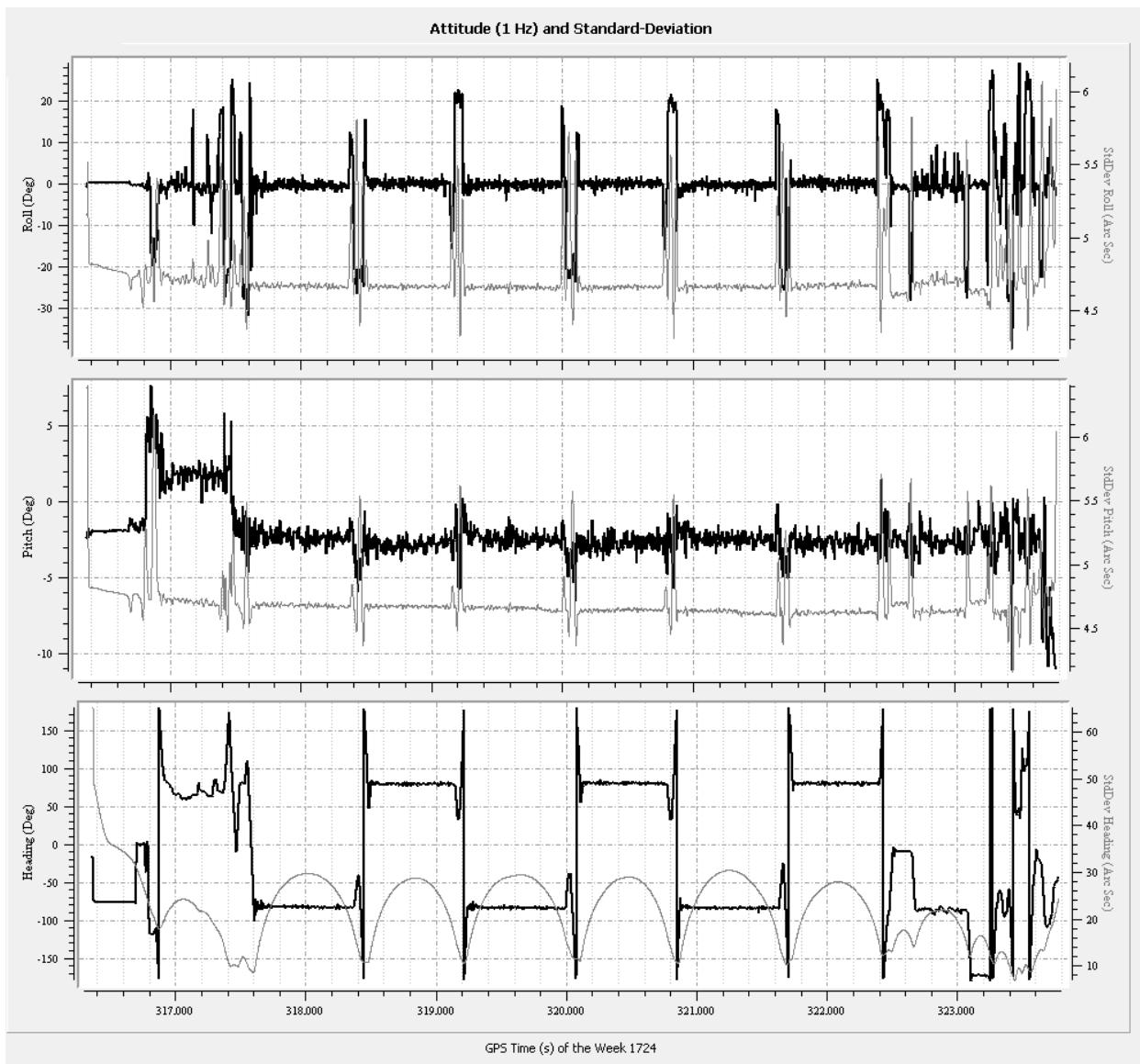


Figure 5: Position Accuracy and PDOP

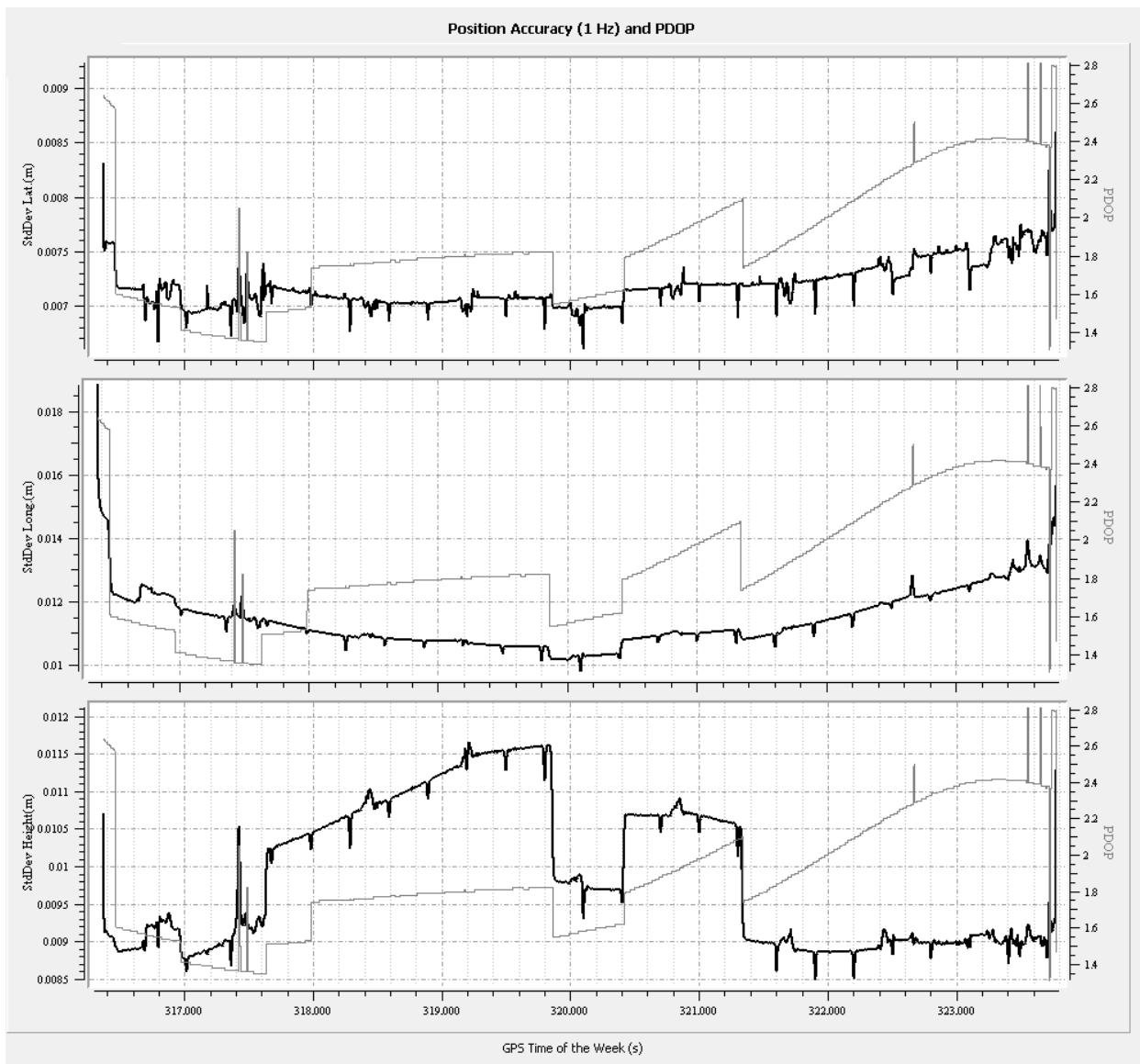


Figure 6: Accelerometer Bias Estimation

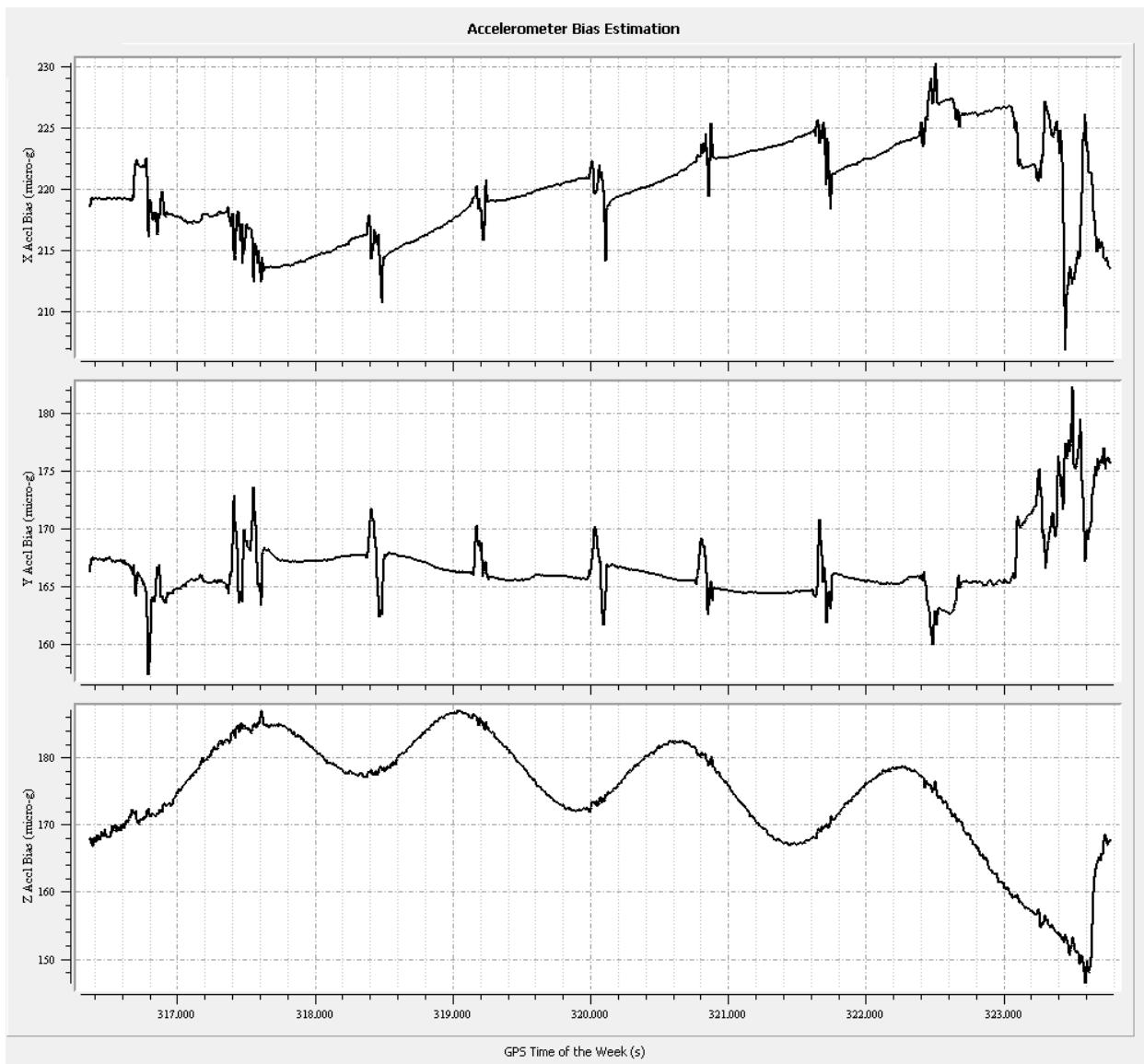


Figure 7: Kalman Filter Residuals and Position Accuracy

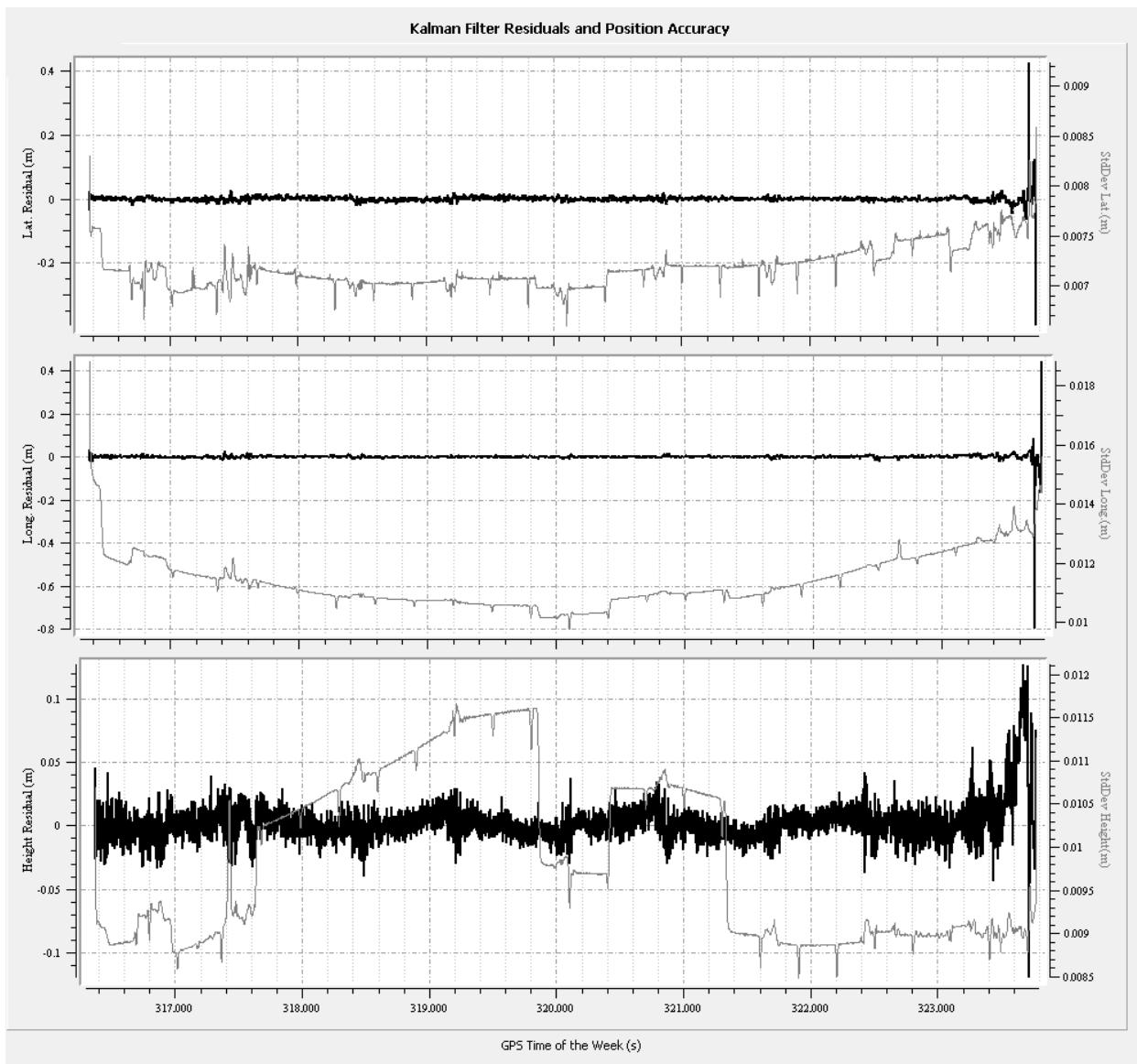
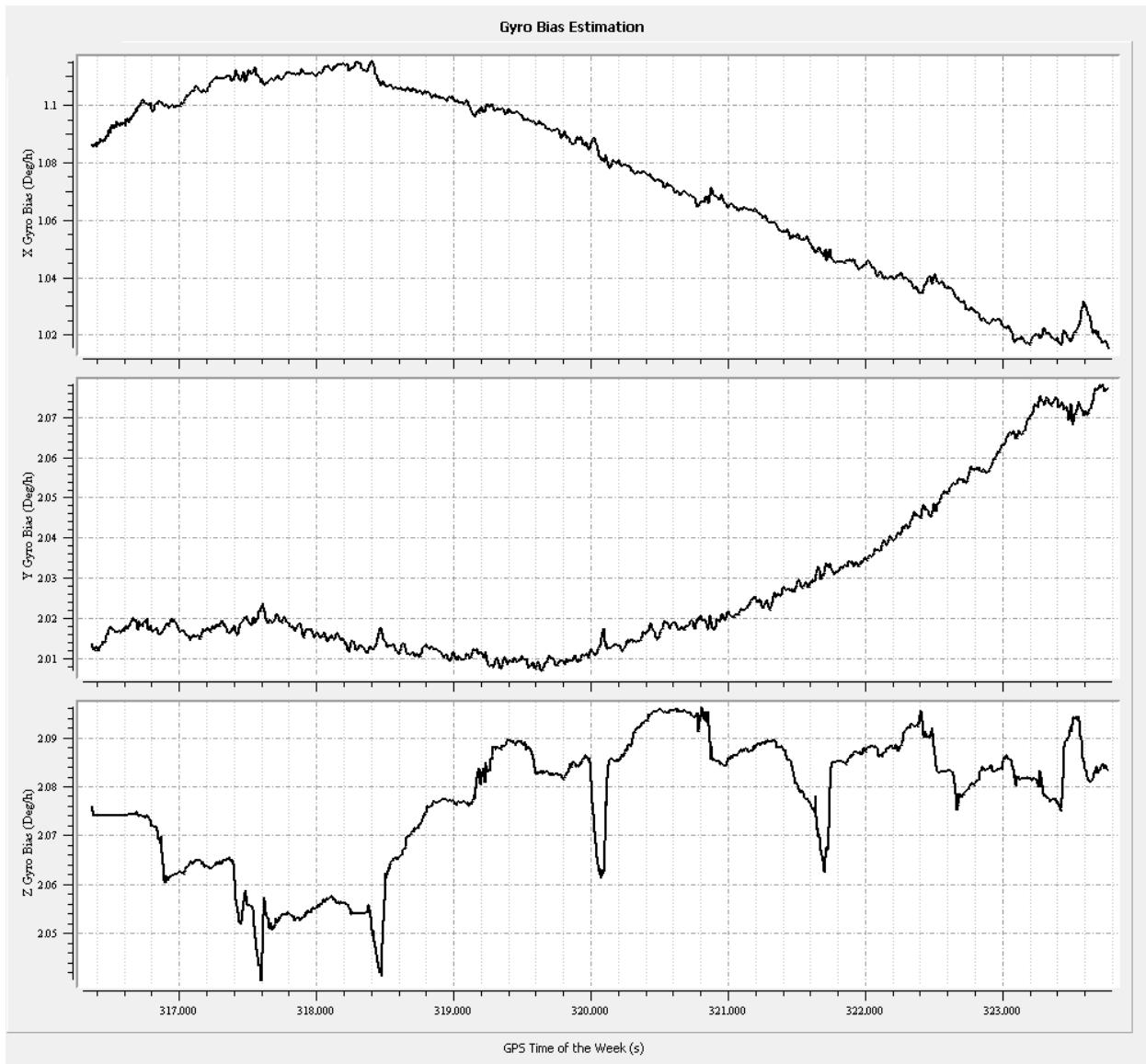


Figure 8: Gyro Bias Estimation



Output Result for JD13023_3

Figure 1: Trajectory Map

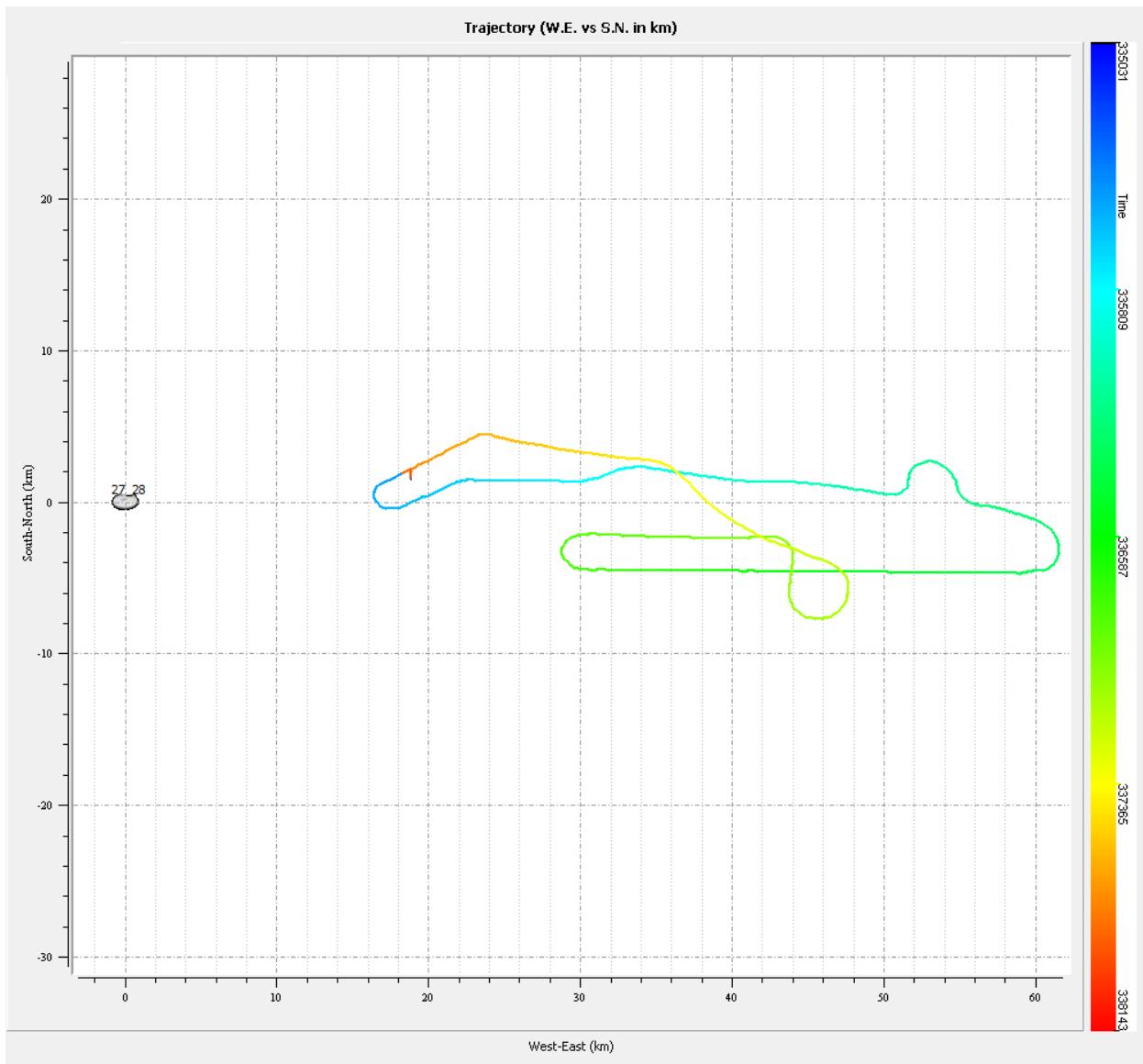


Figure 2: Velocity and Standard Deviation

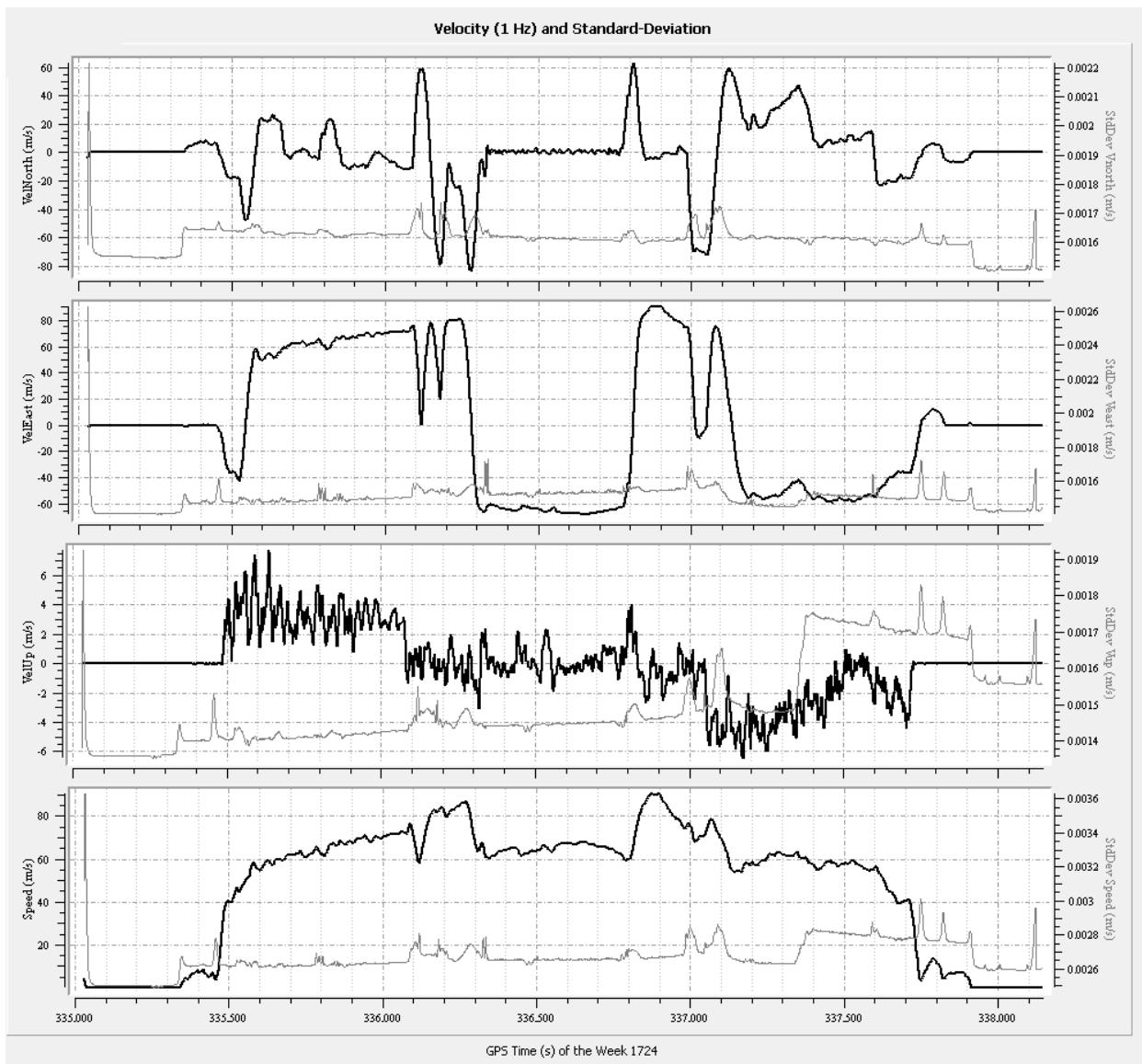


Figure 3: Forward/Reverse or Combined Separation Plot

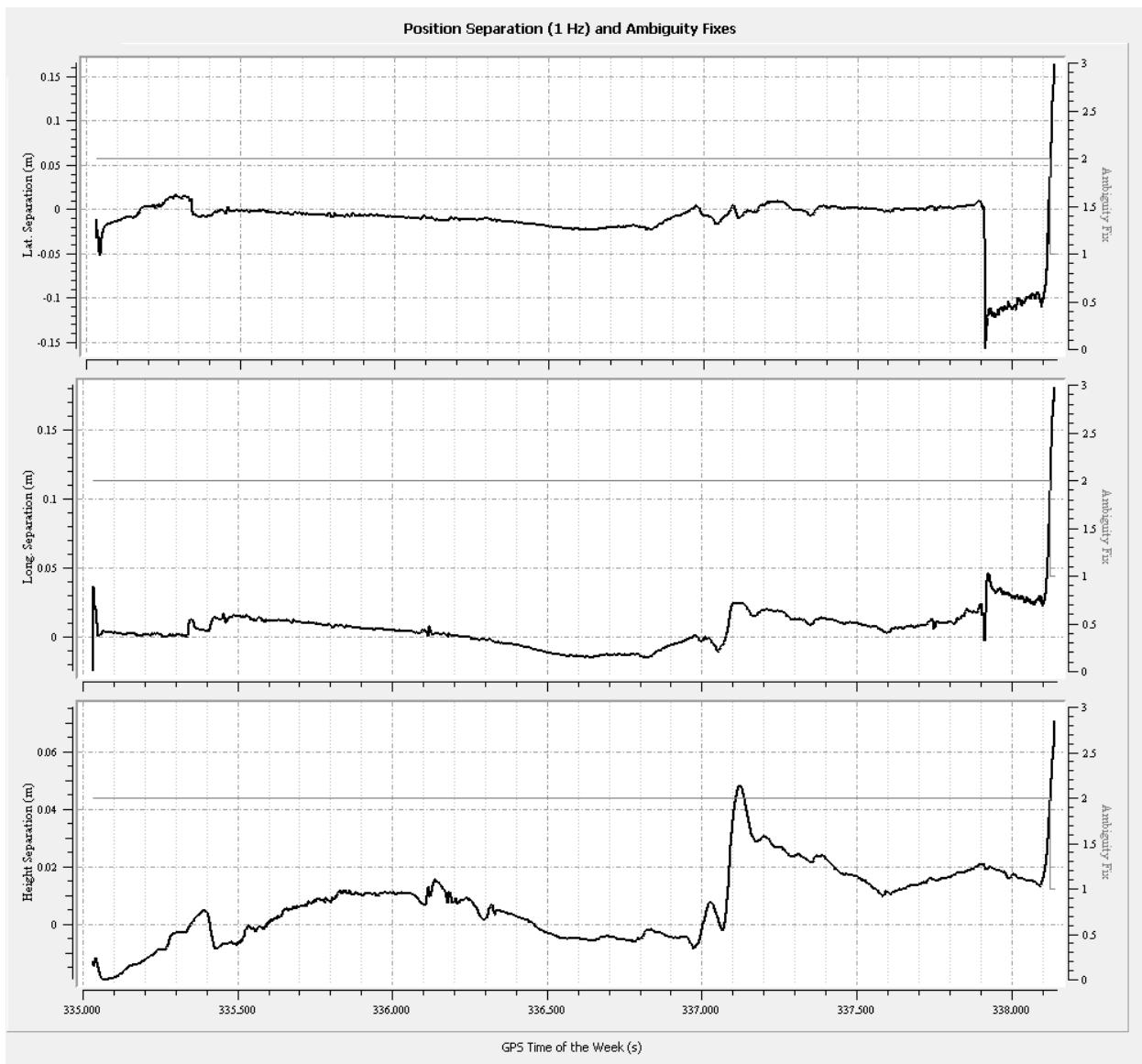


Figure 4: Attitude and Standard Deviation

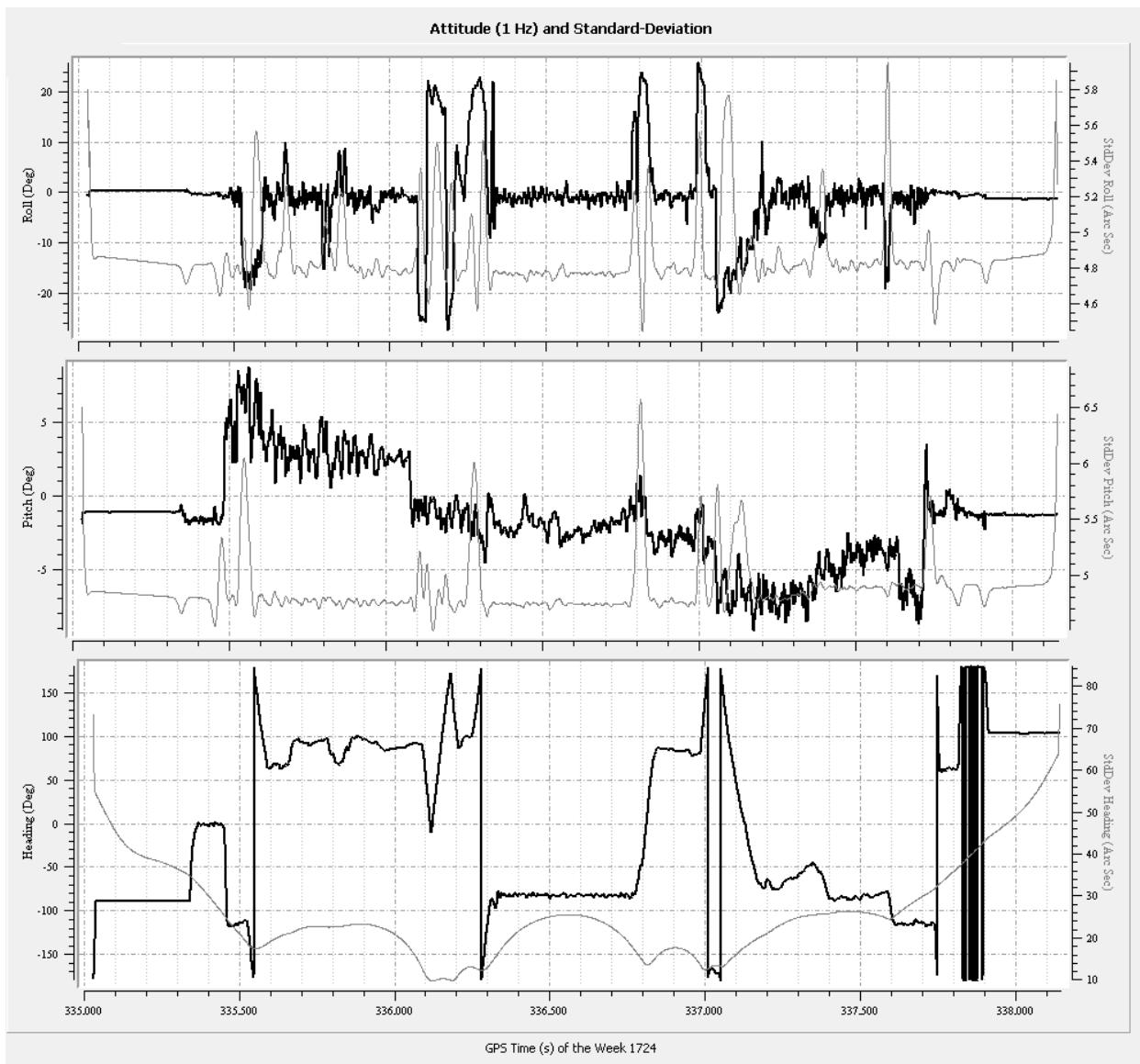


Figure 5: Position Accuracy and PDOP

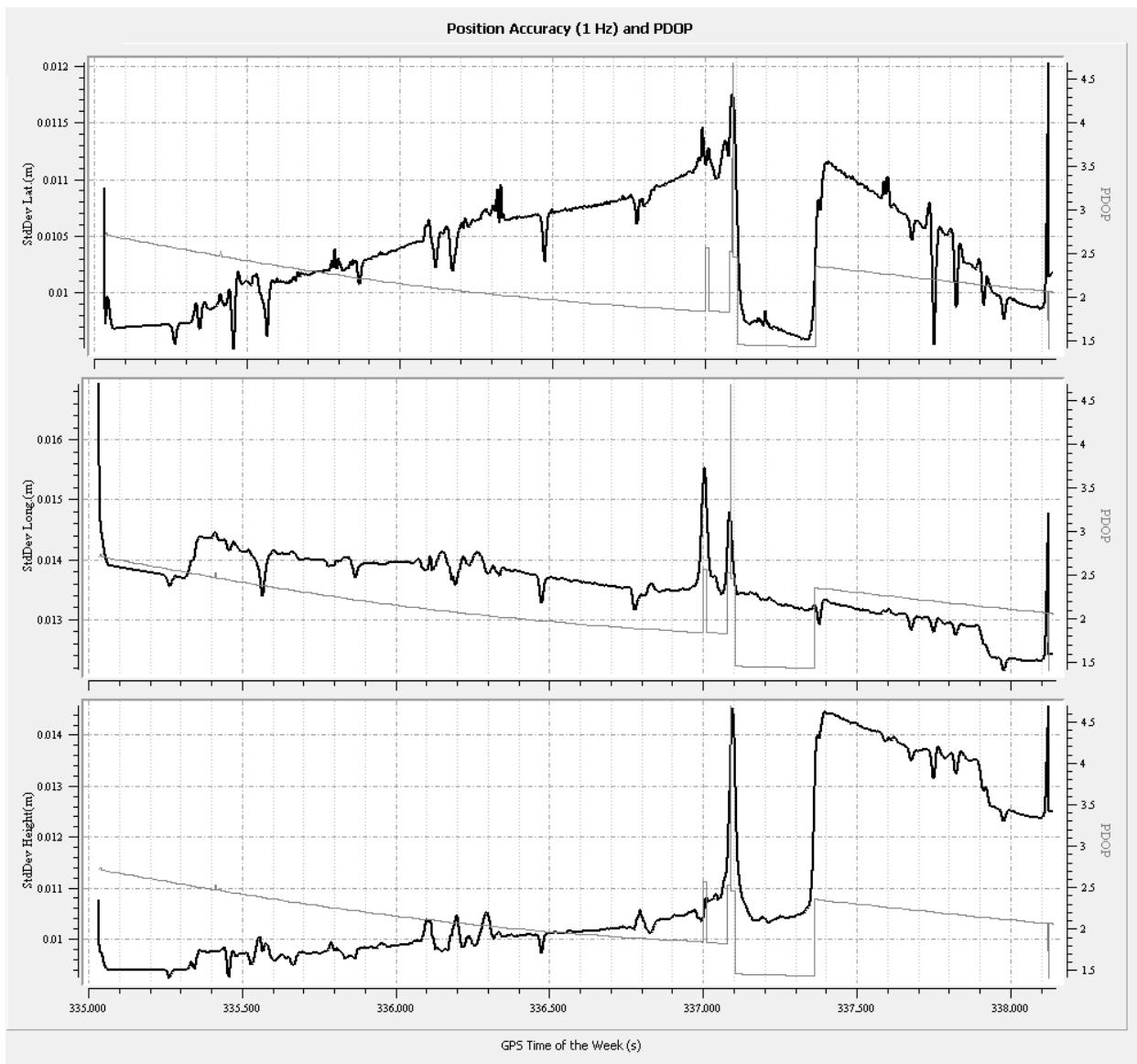


Figure 6: Accelerometer Bias Estimation

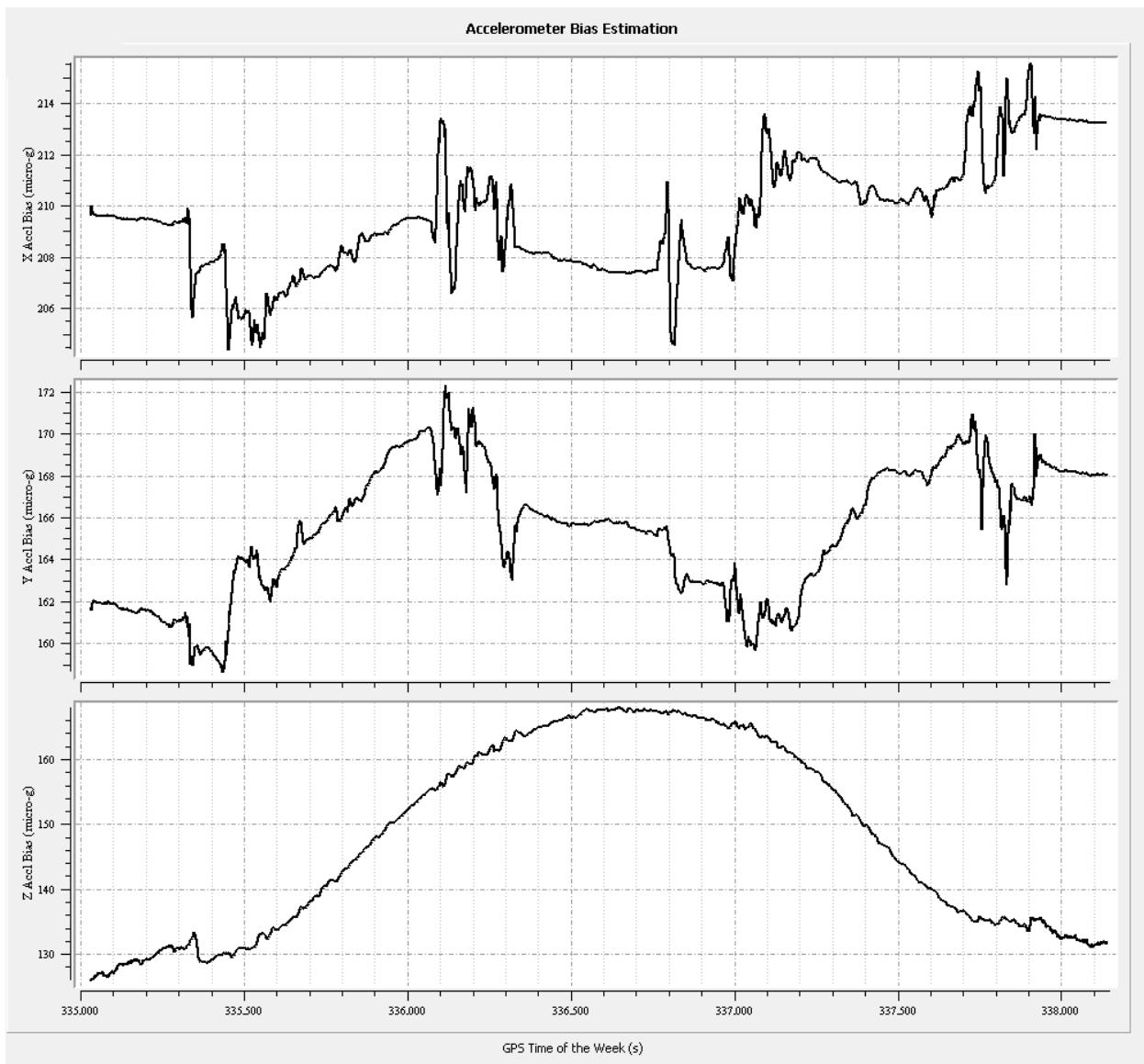


Figure 7: Kalman Filter Residuals and Position Accuracy

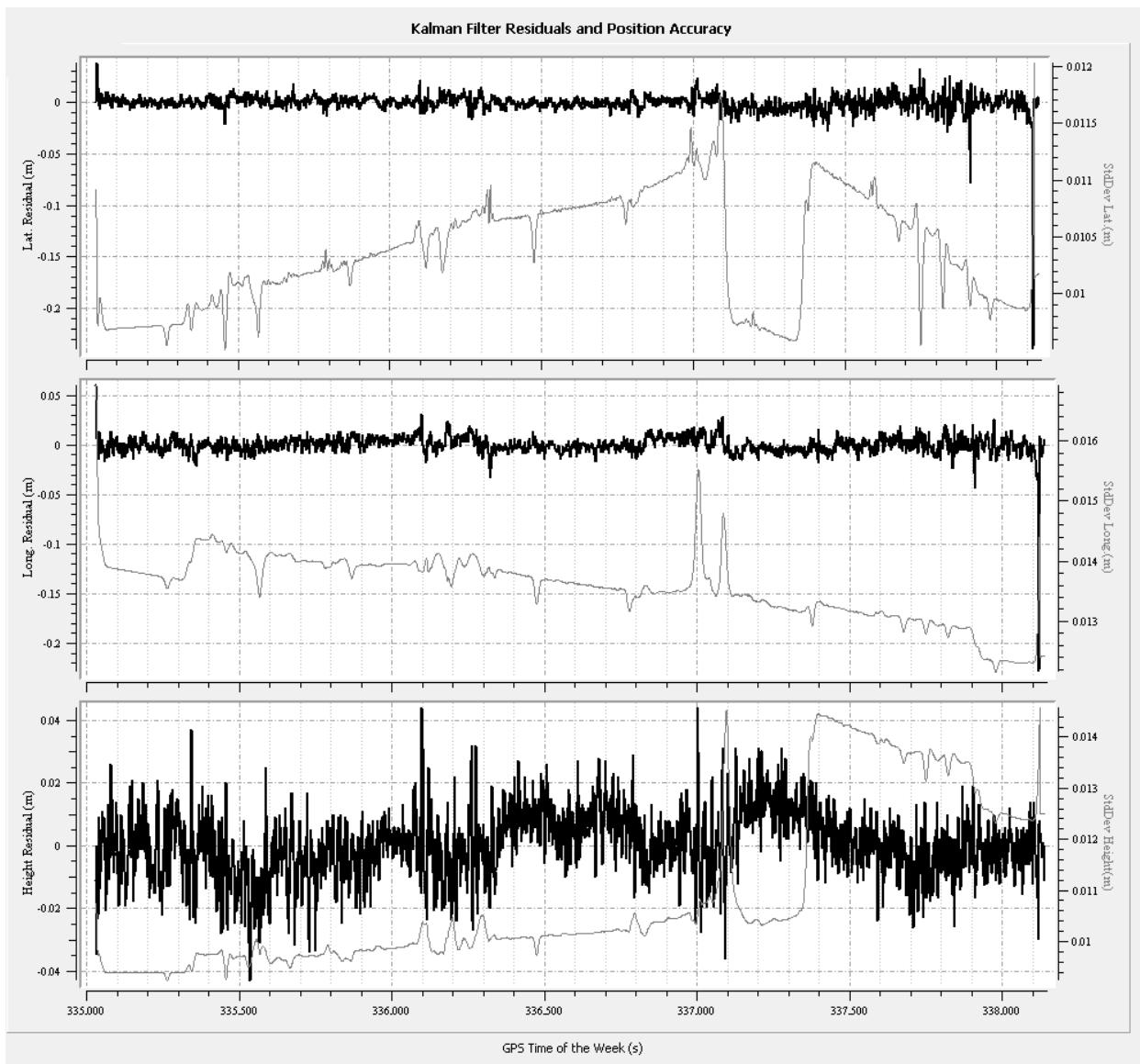
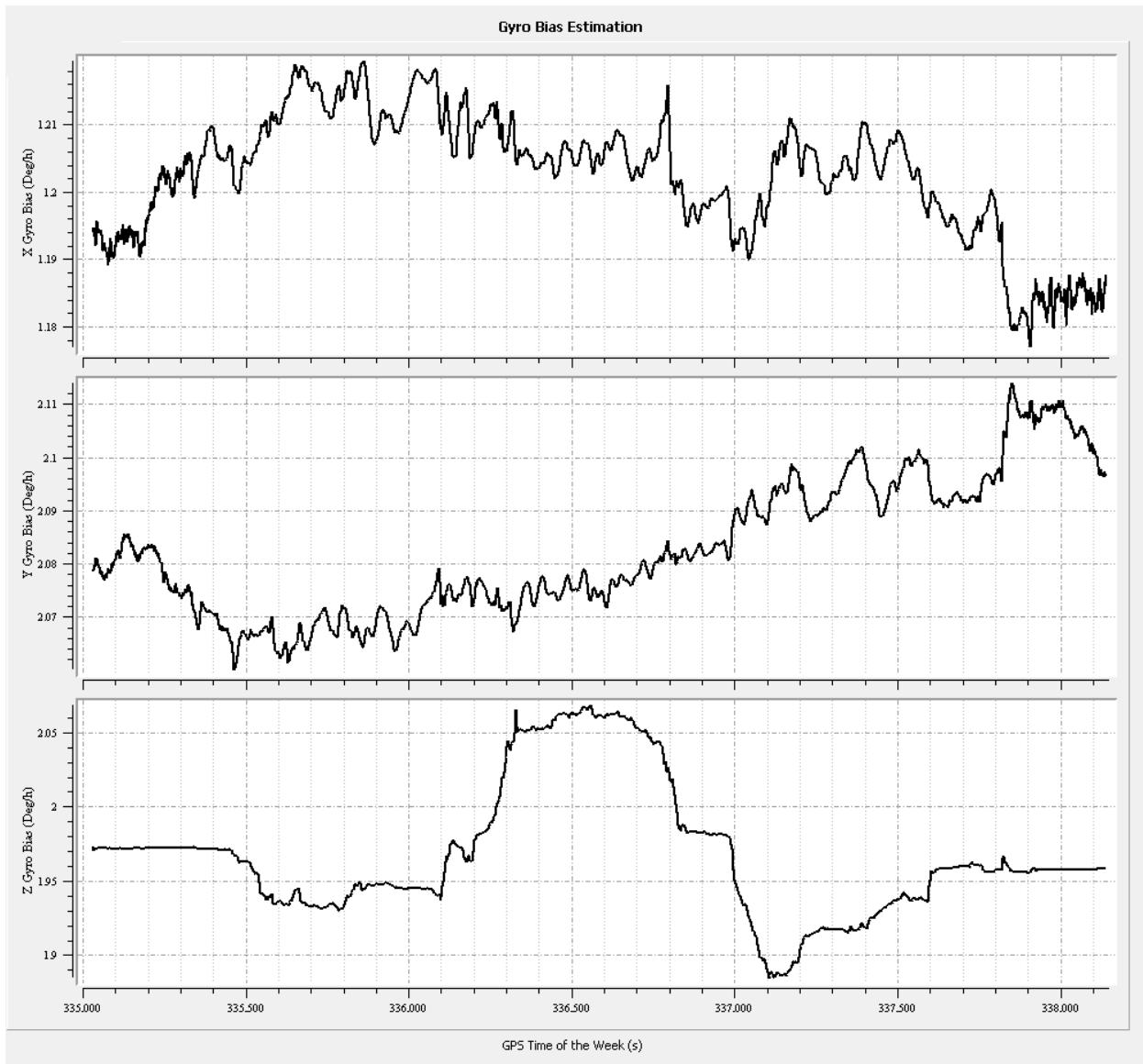


Figure 8: Gyro Bias Estimation



Output Result for JD13024_1

Figure 1: Trajectory Map

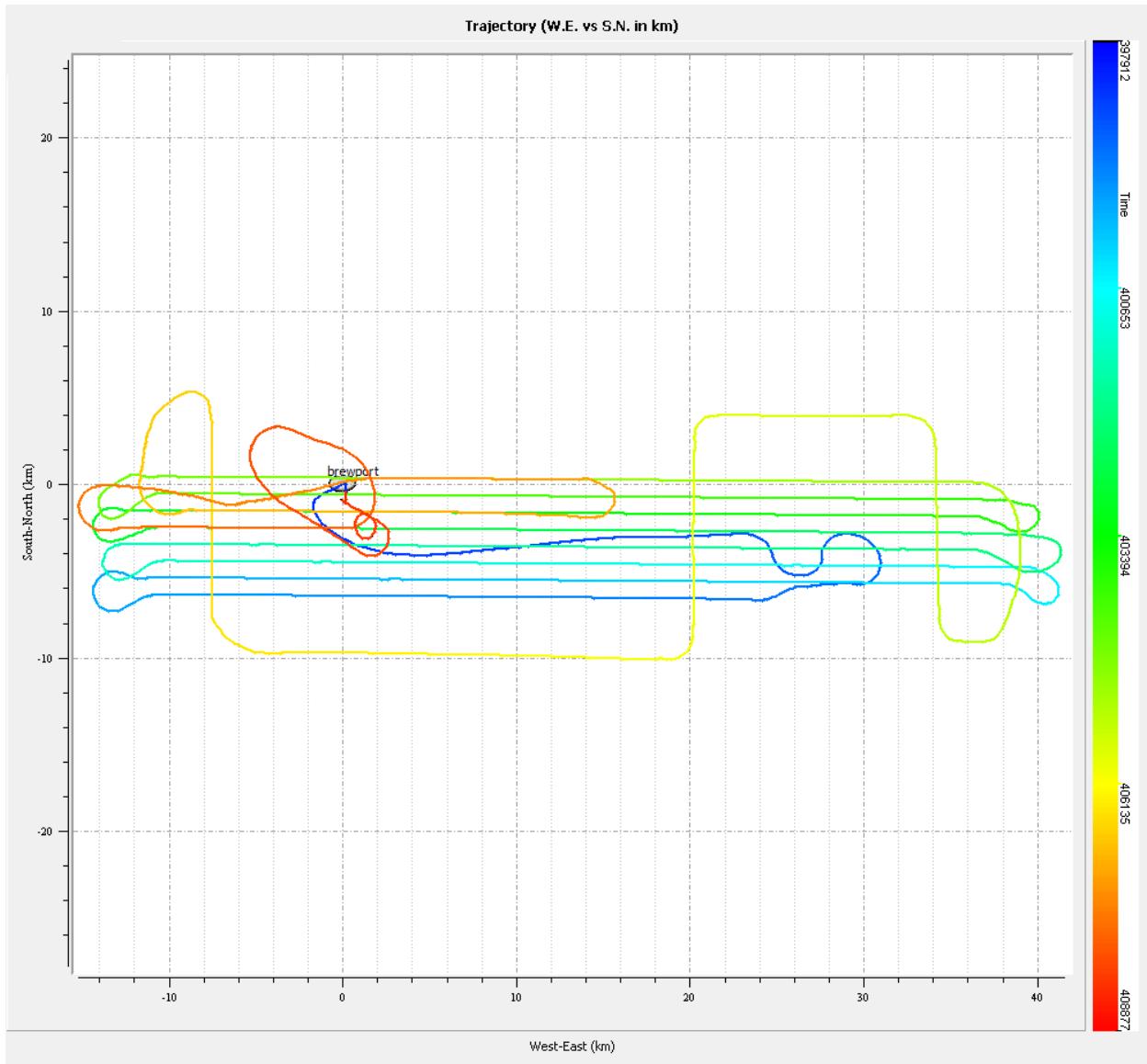


Figure 2: Velocity and Standard Deviation

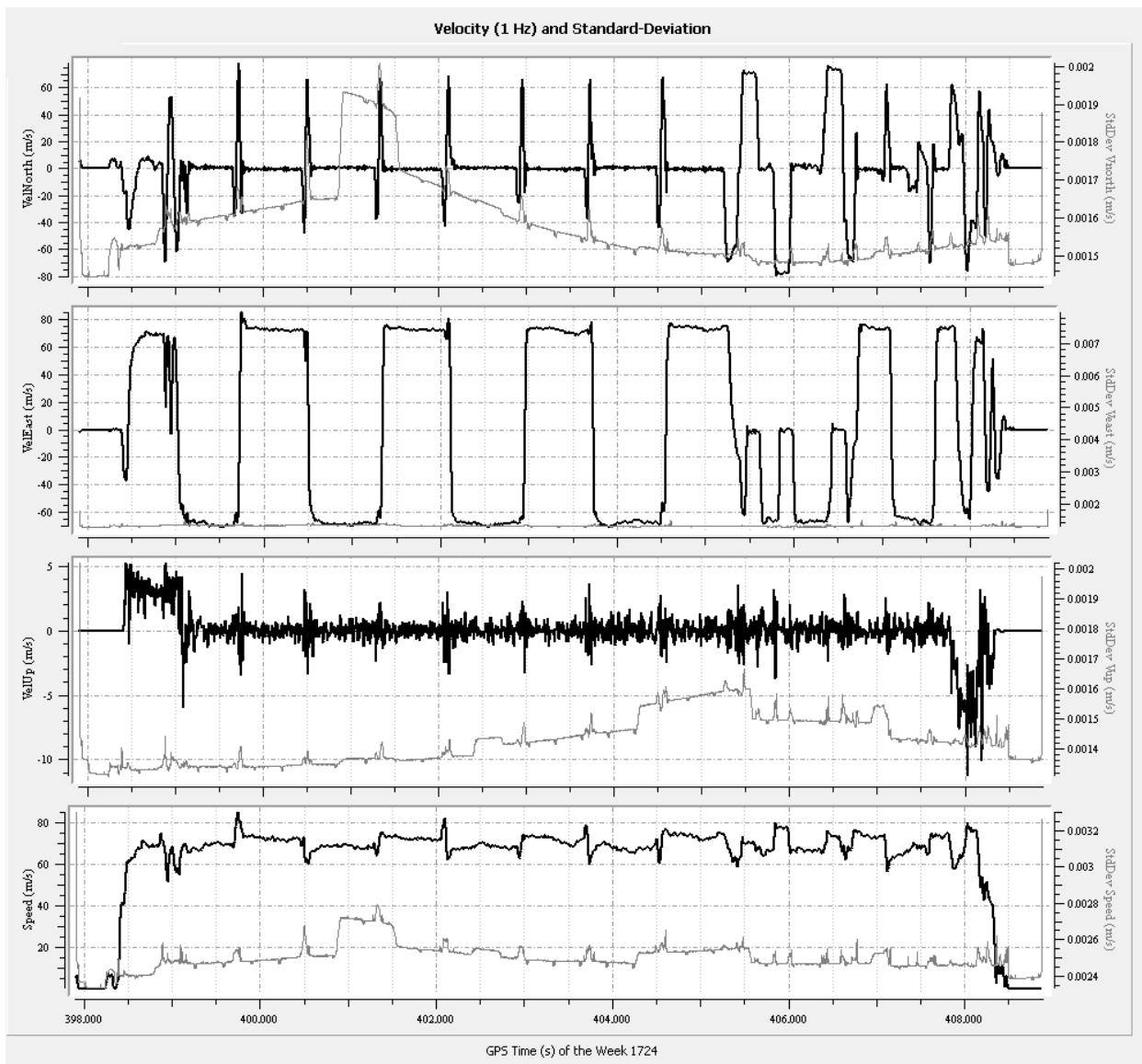


Figure 3: Forward/Reverse or Combined Separation Plot

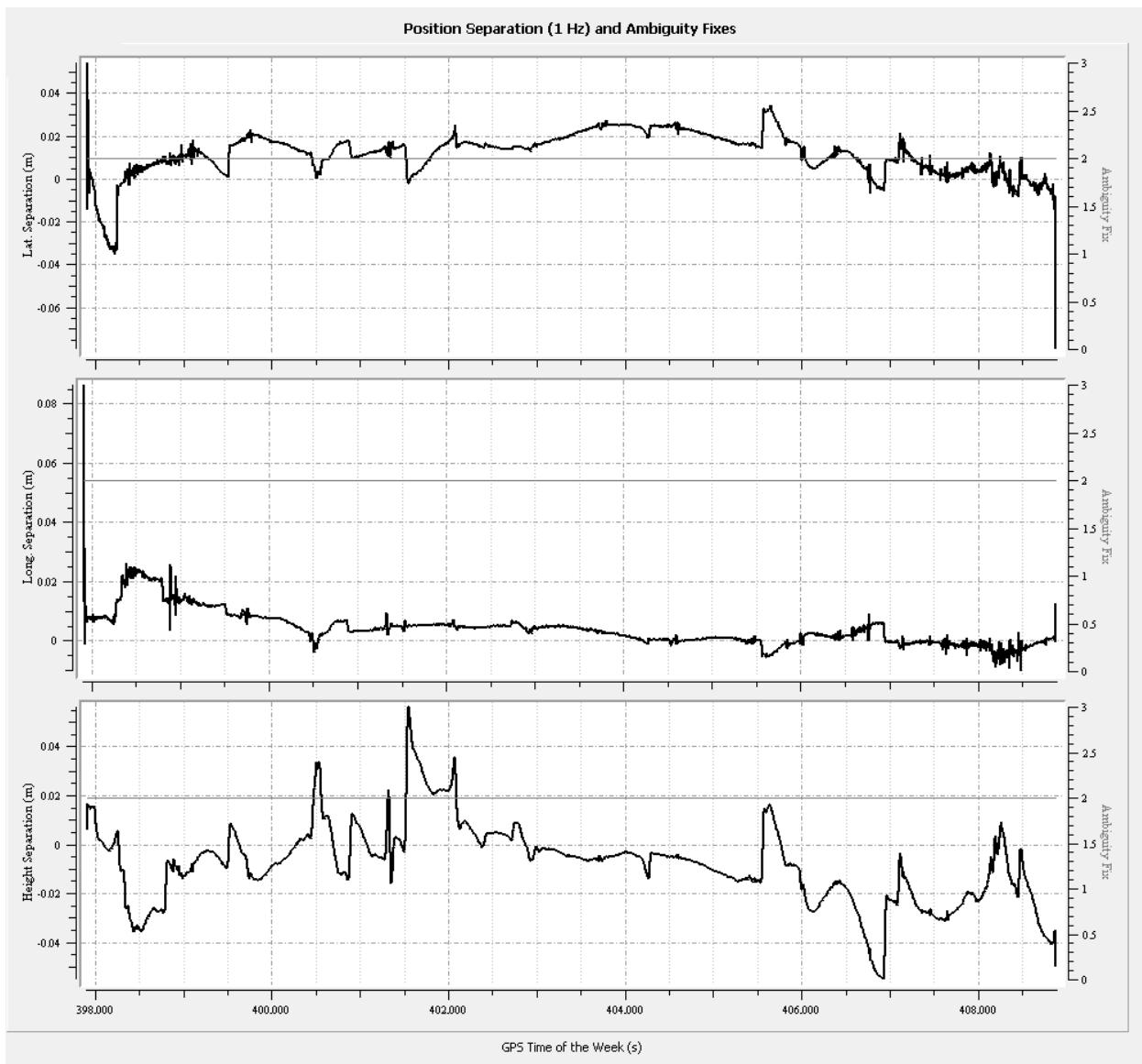


Figure 4: Attitude and Standard Deviation

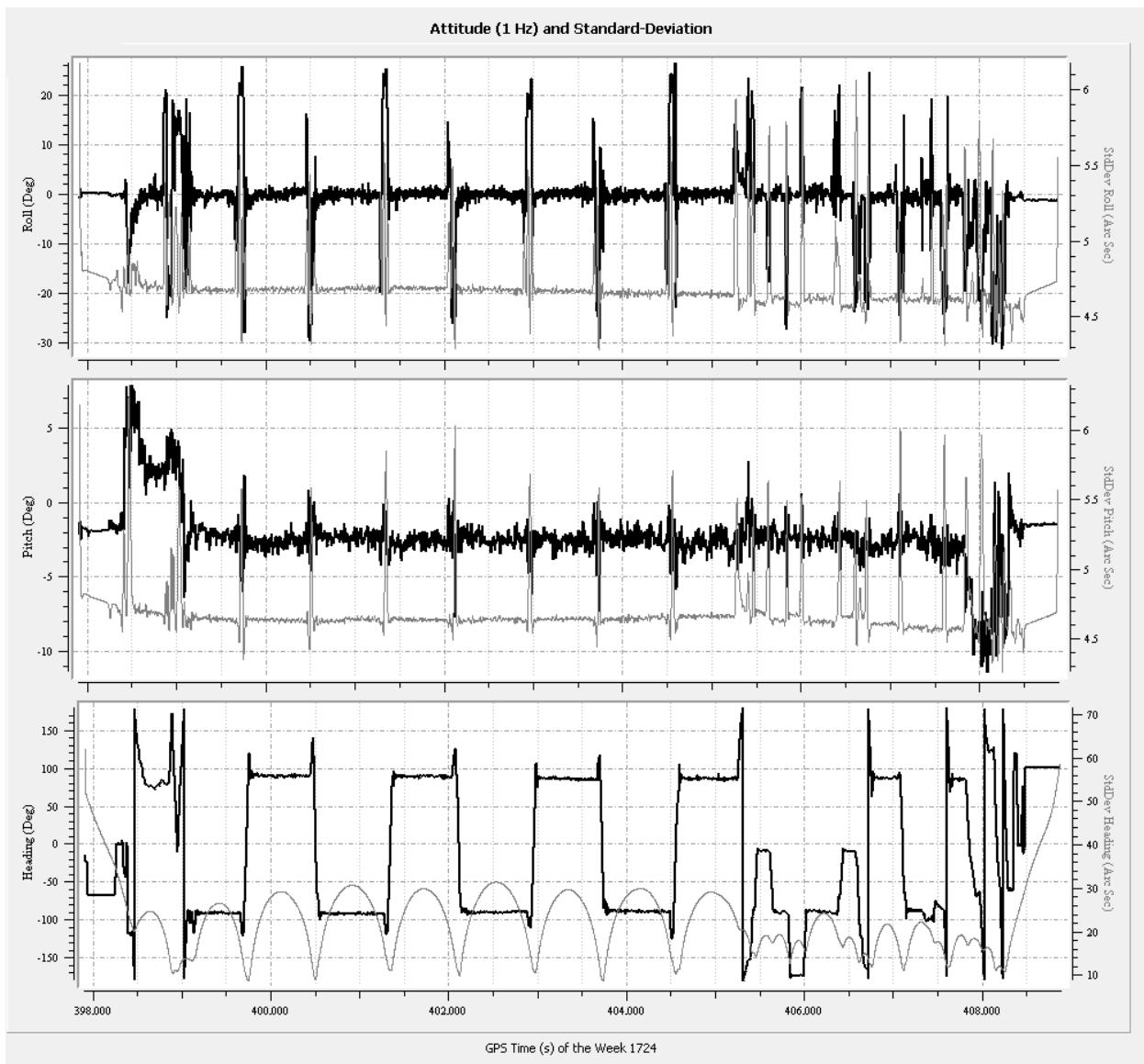


Figure 5: Position Accuracy and PDOP

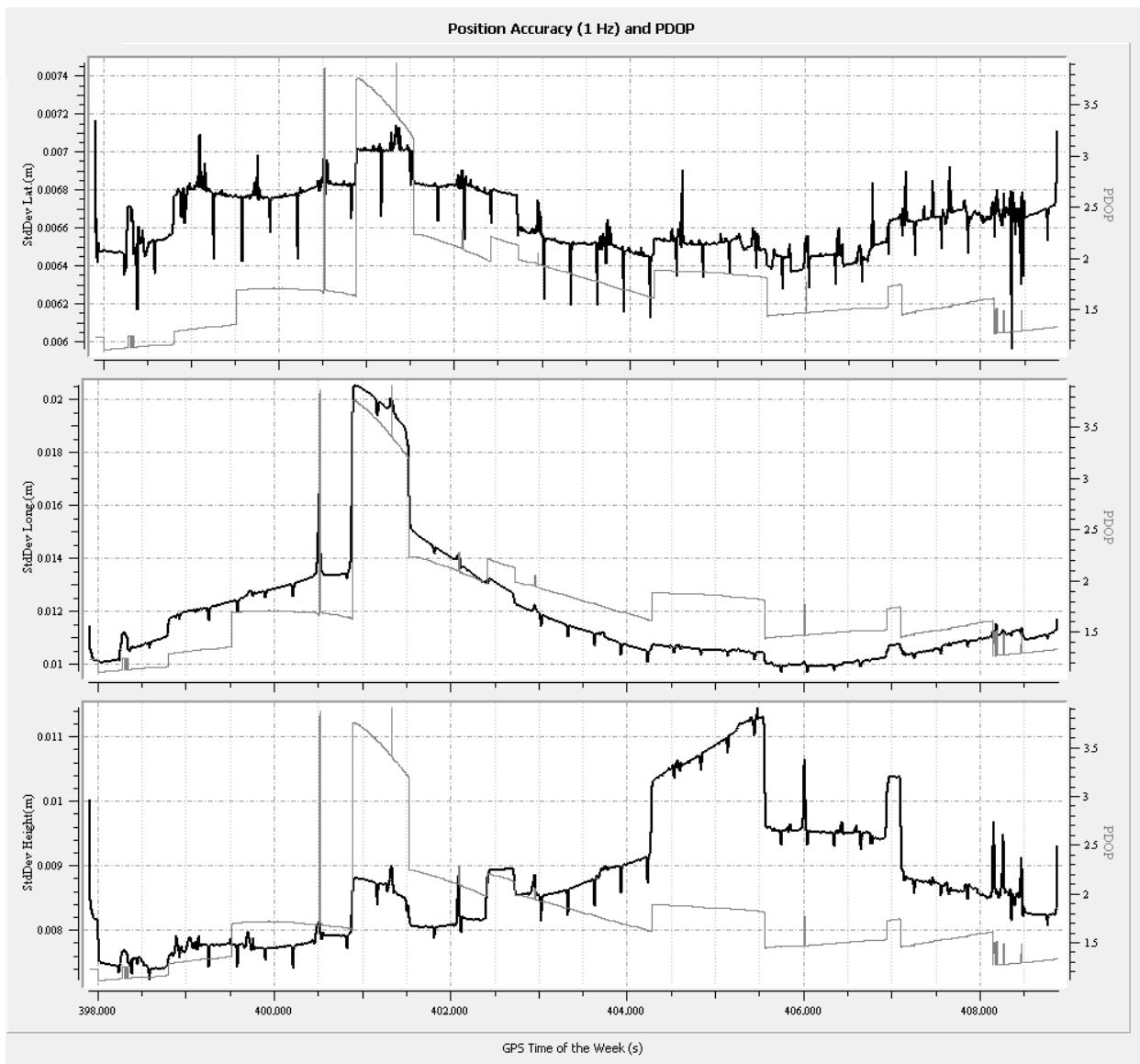


Figure 6: Accelerometer Bias Estimation

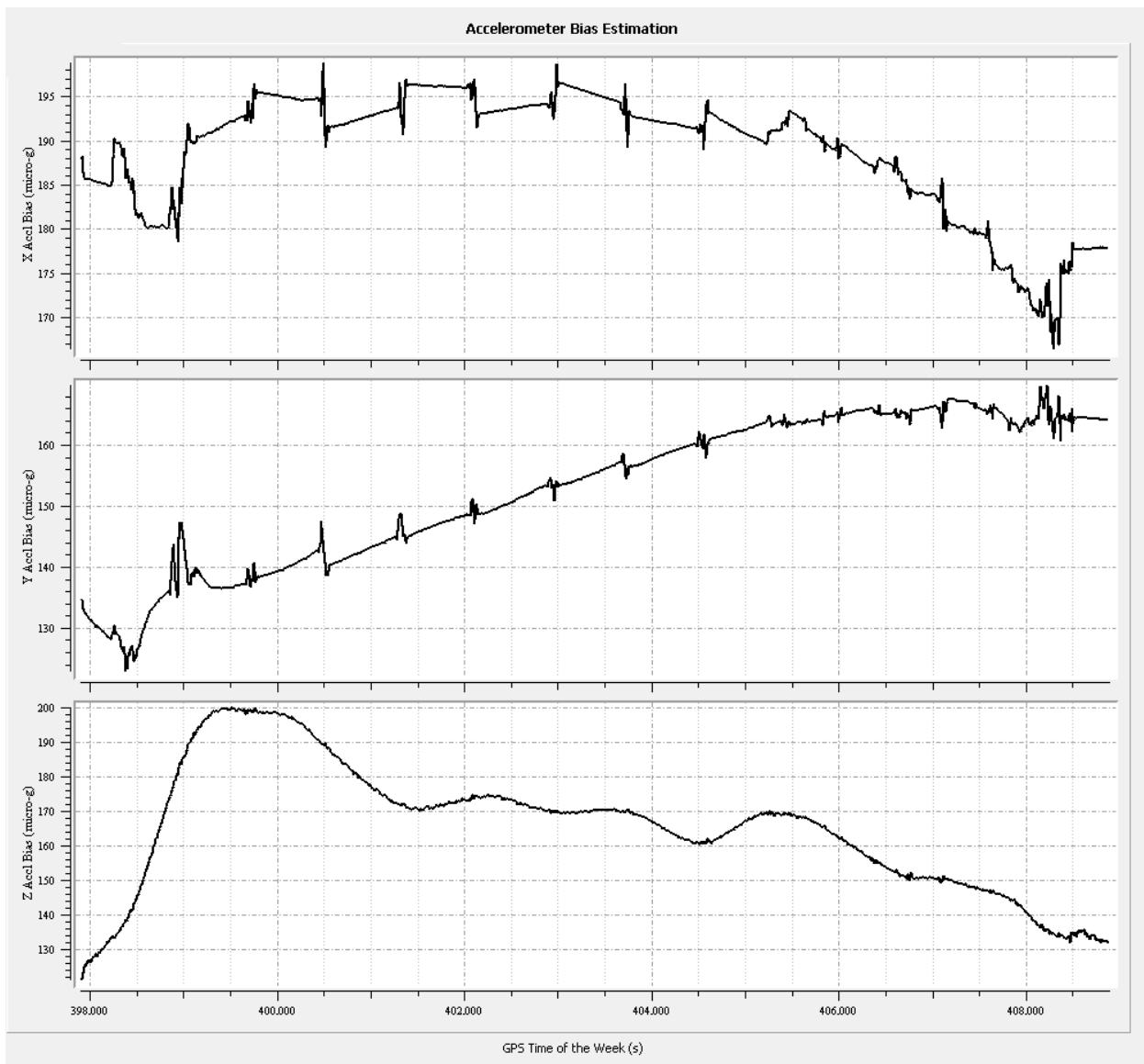


Figure 7: Kalman Filter Residuals and Position Accuracy

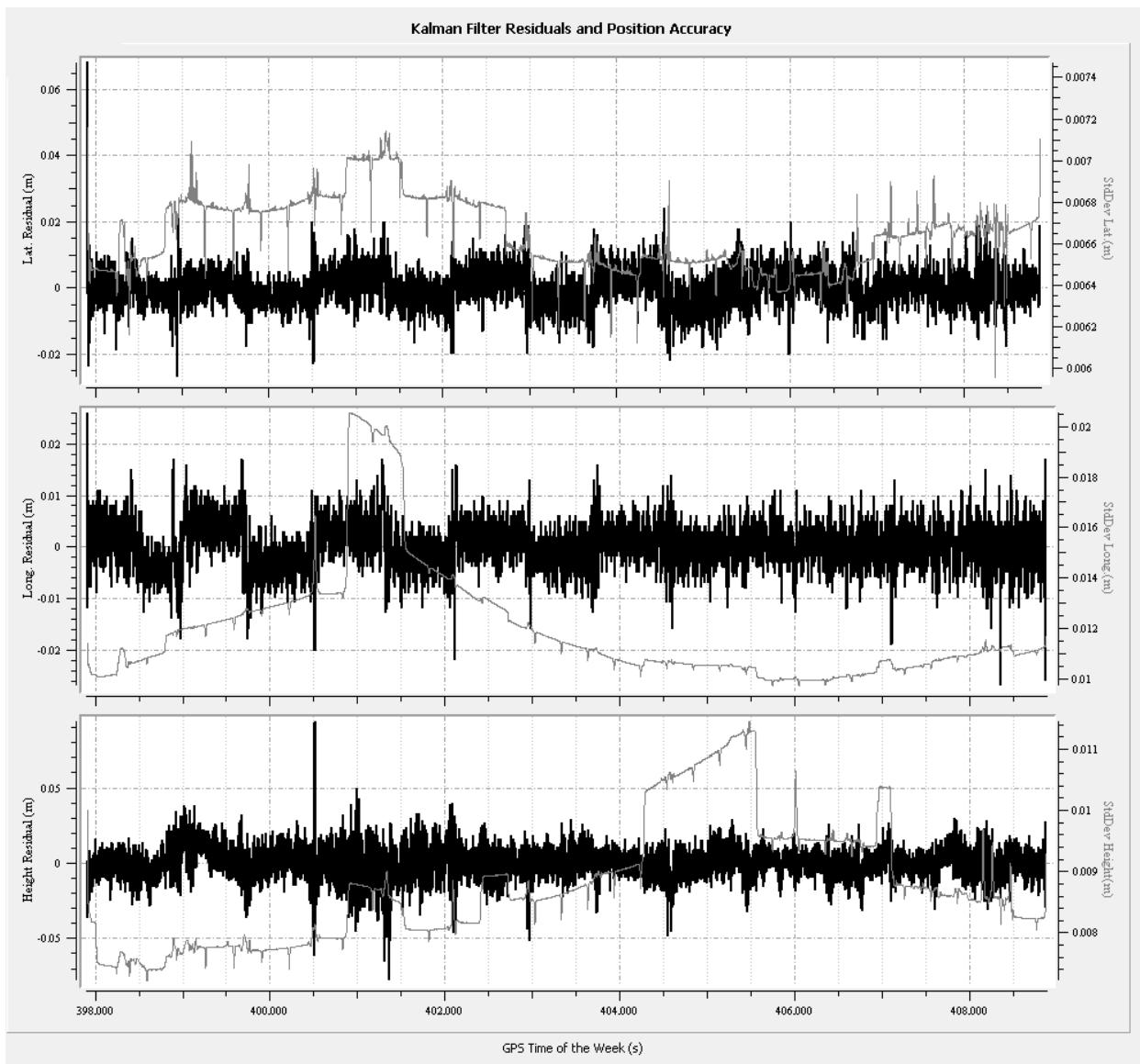
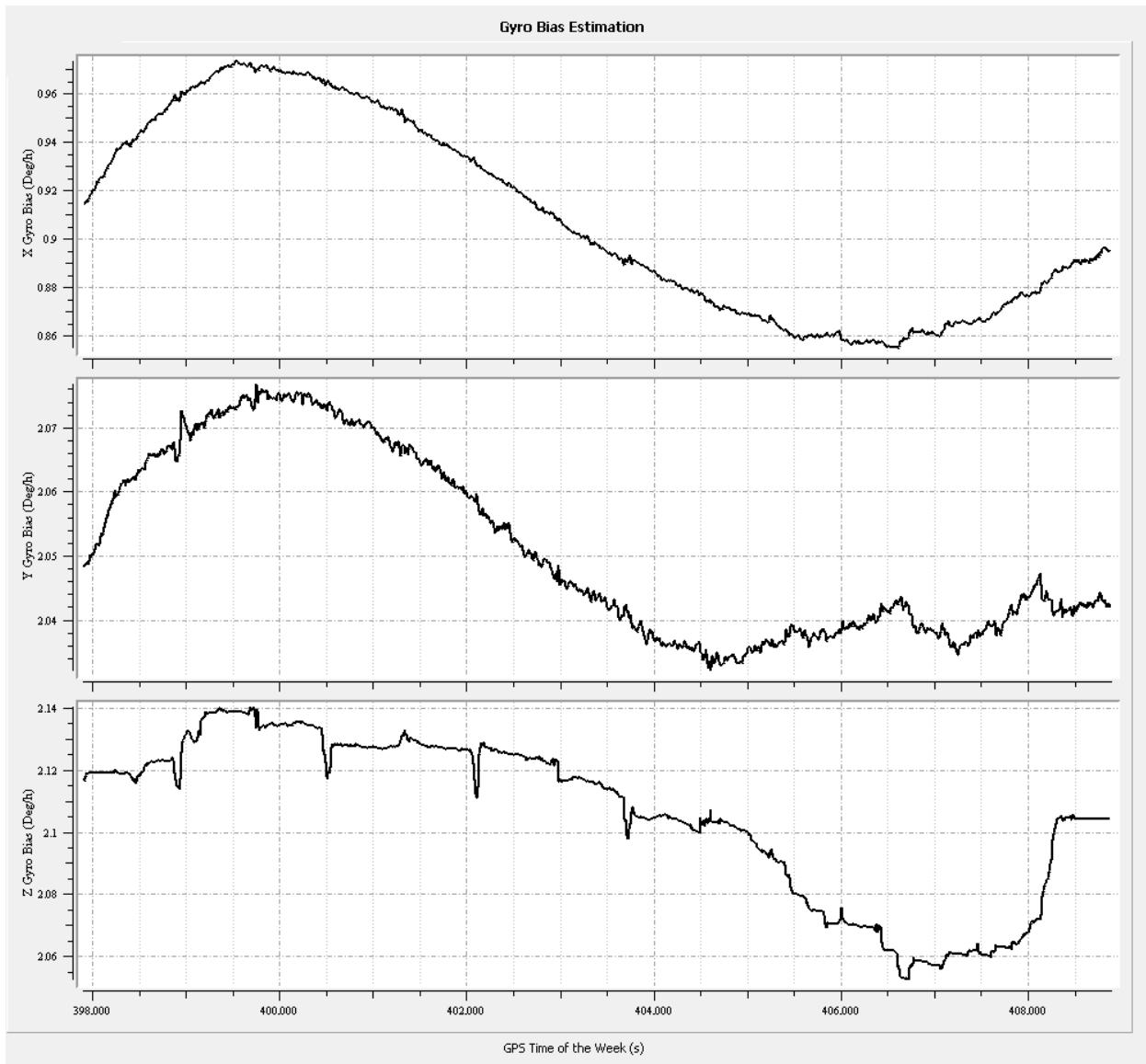


Figure 8: Gyro Bias Estimation



Output Result for JD13025_2

Figure 1: Trajectory Map

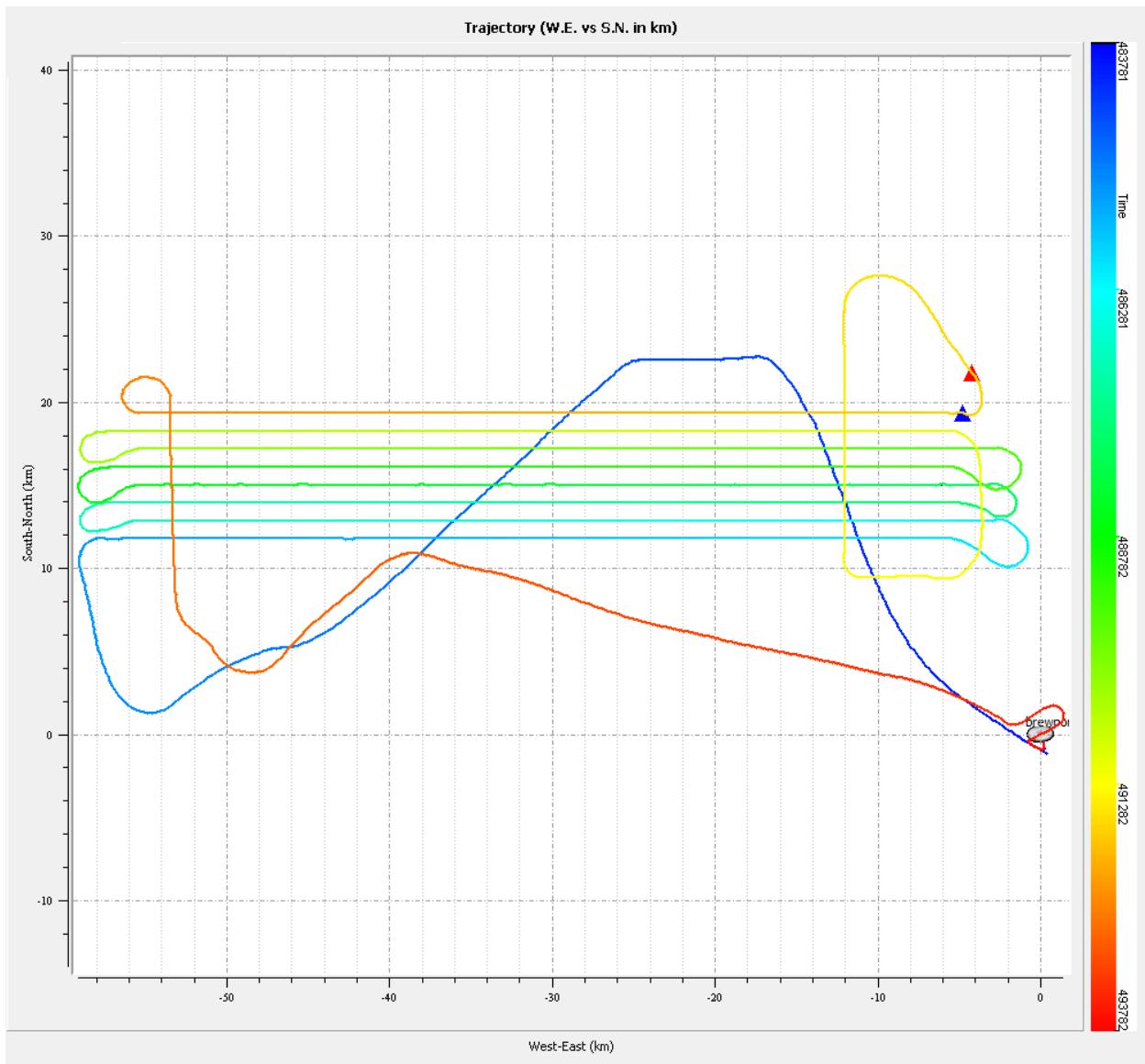


Figure 2: Velocity and Standard Deviation

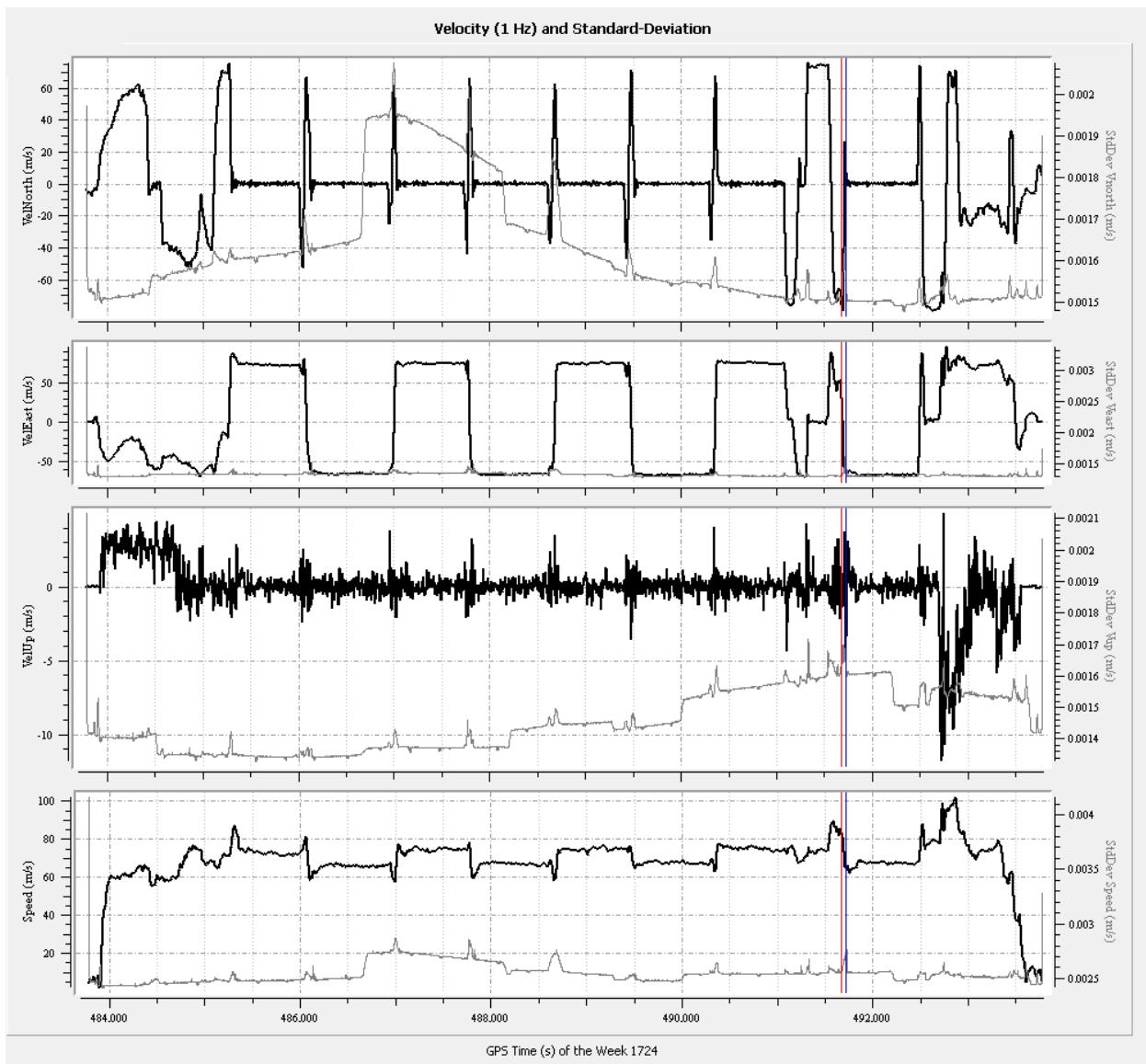


Figure 3: Forward/Reverse or Combined Separation Plot

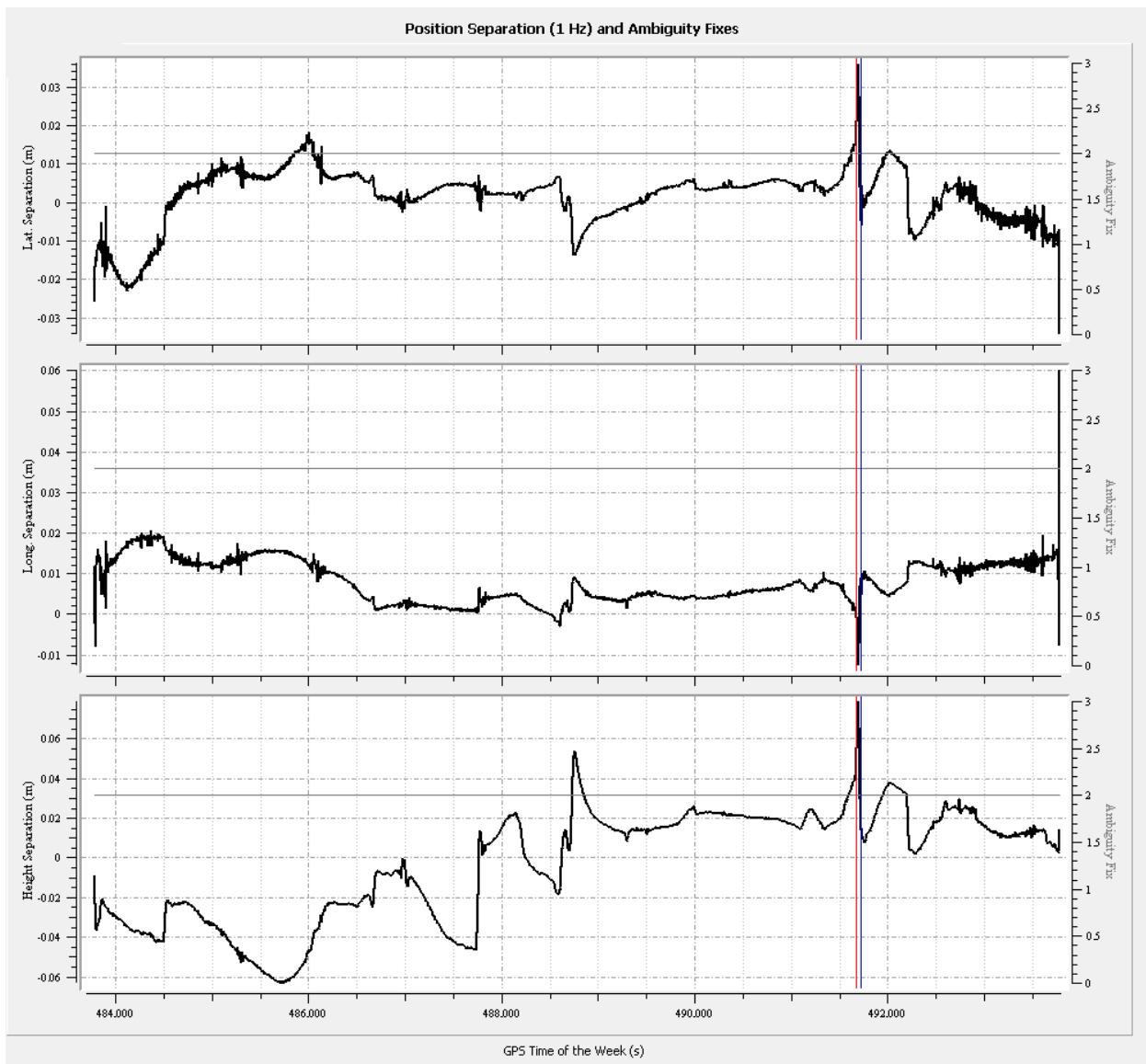


Figure 4: Attitude and Standard Deviation

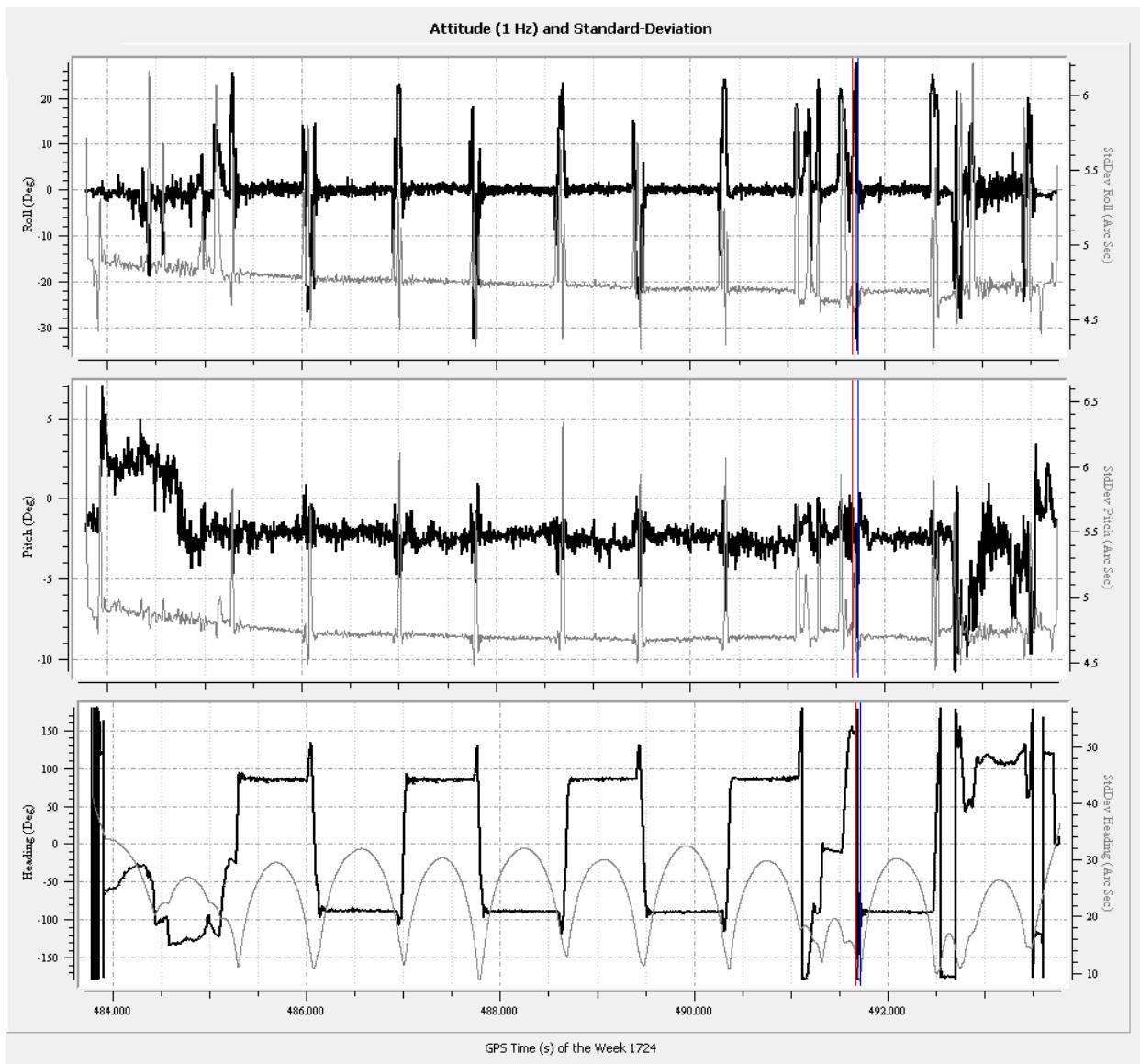


Figure 5: Position Accuracy and PDOP

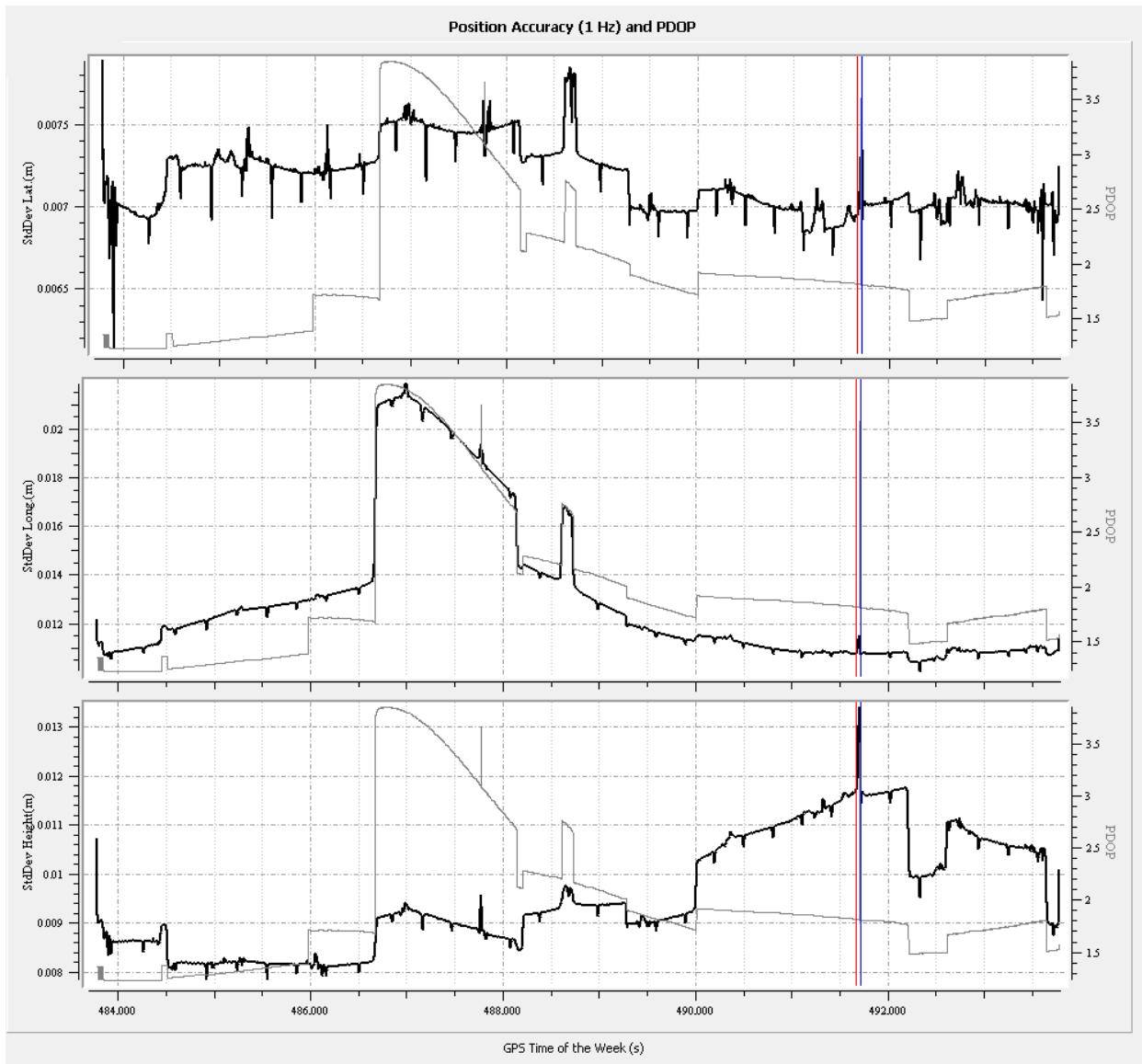


Figure 6: Accelerometer Bias Estimation

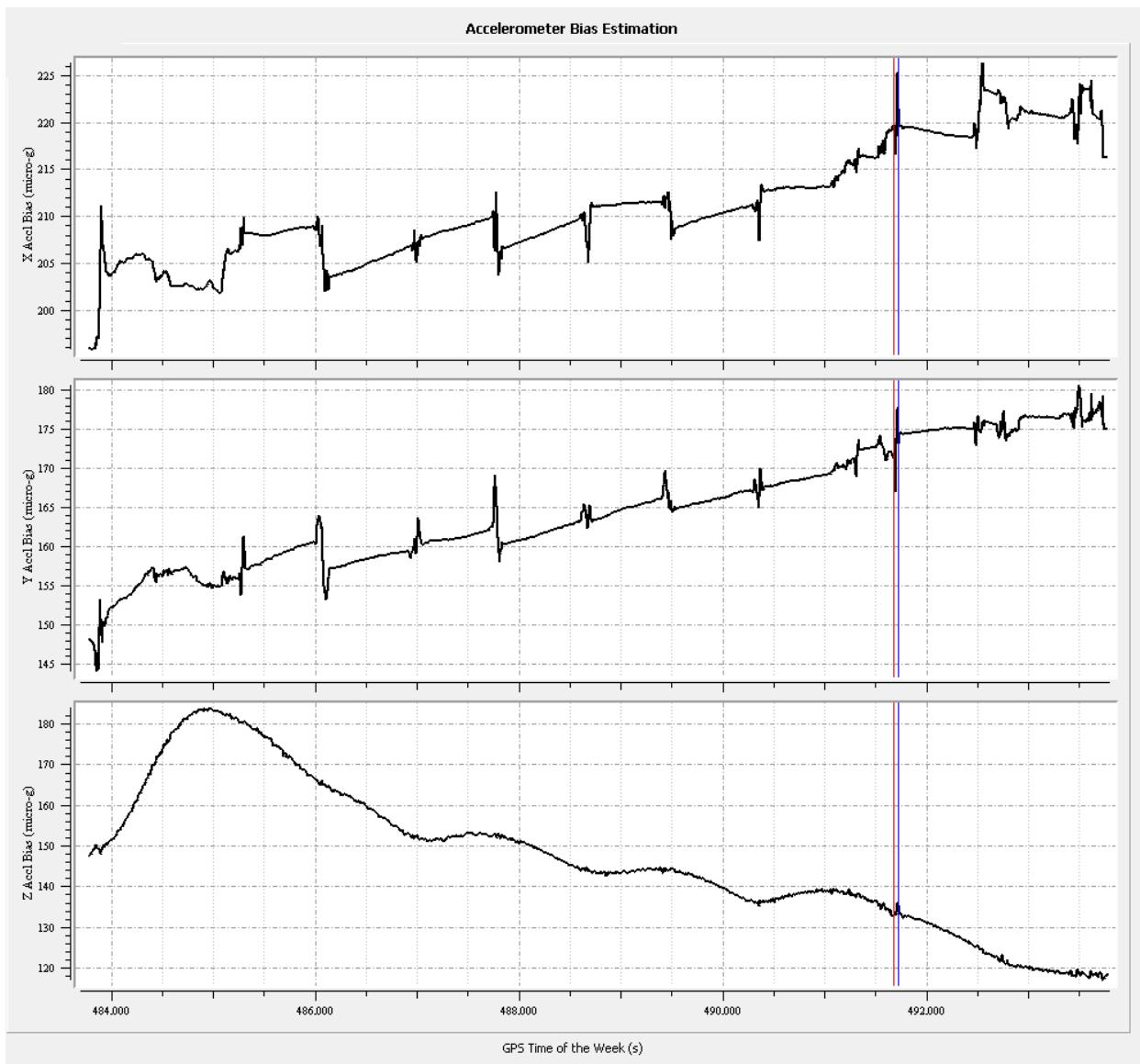


Figure 7: Kalman Filter Residuals and Position Accuracy

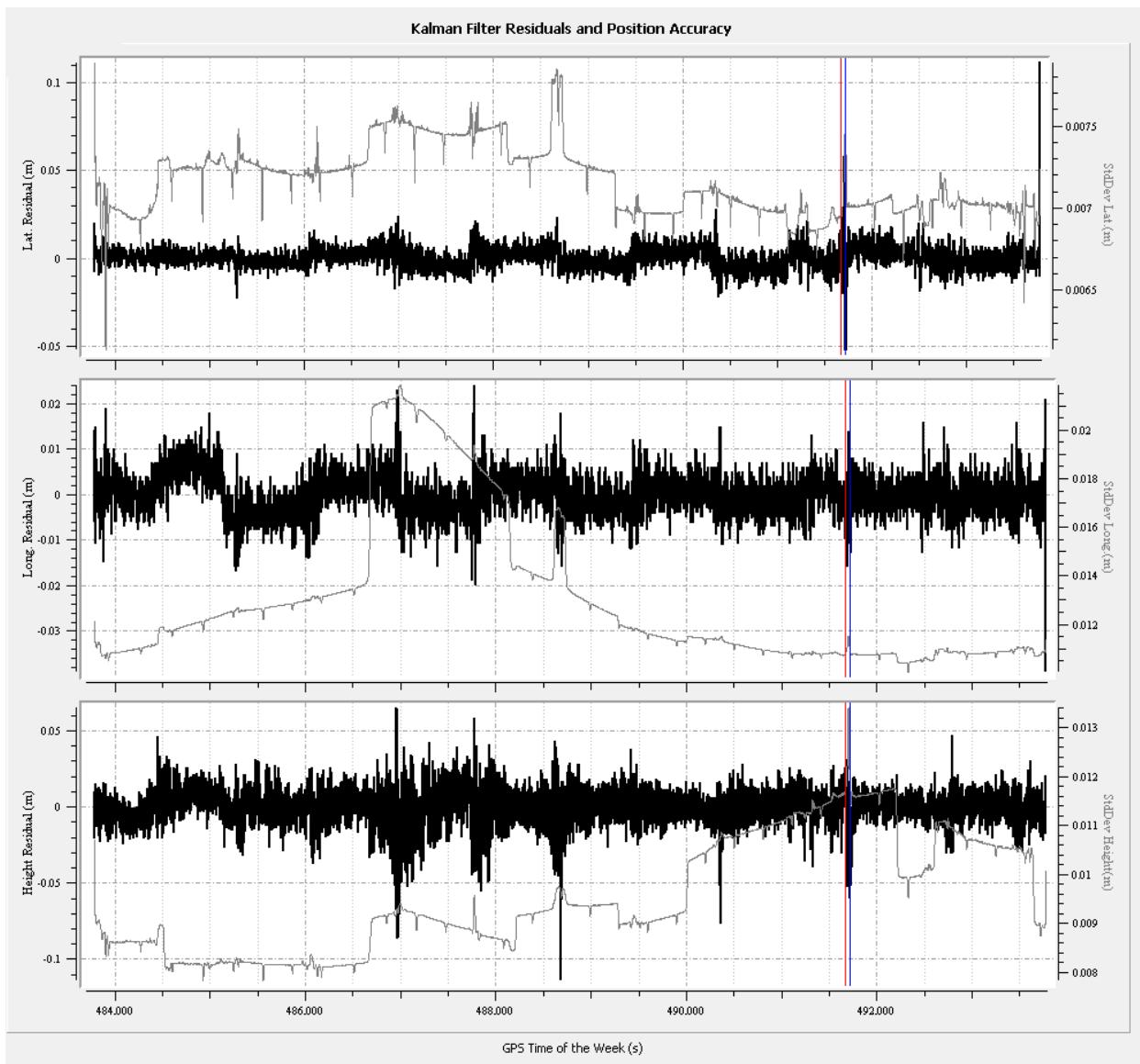
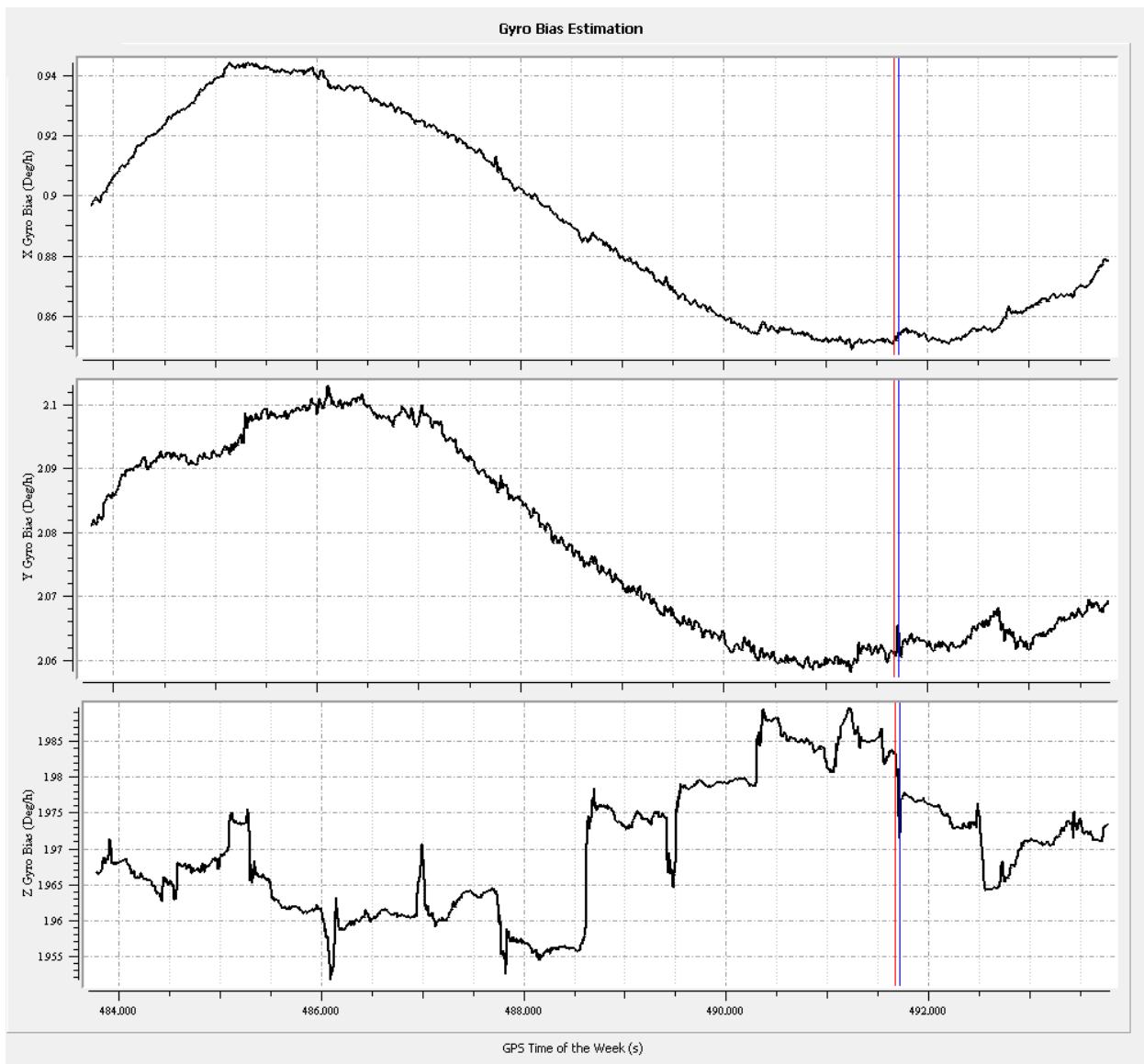


Figure 8: Gyro Bias Estimation



Output Result for JD13027_1

Figure 1: Trajectory Map

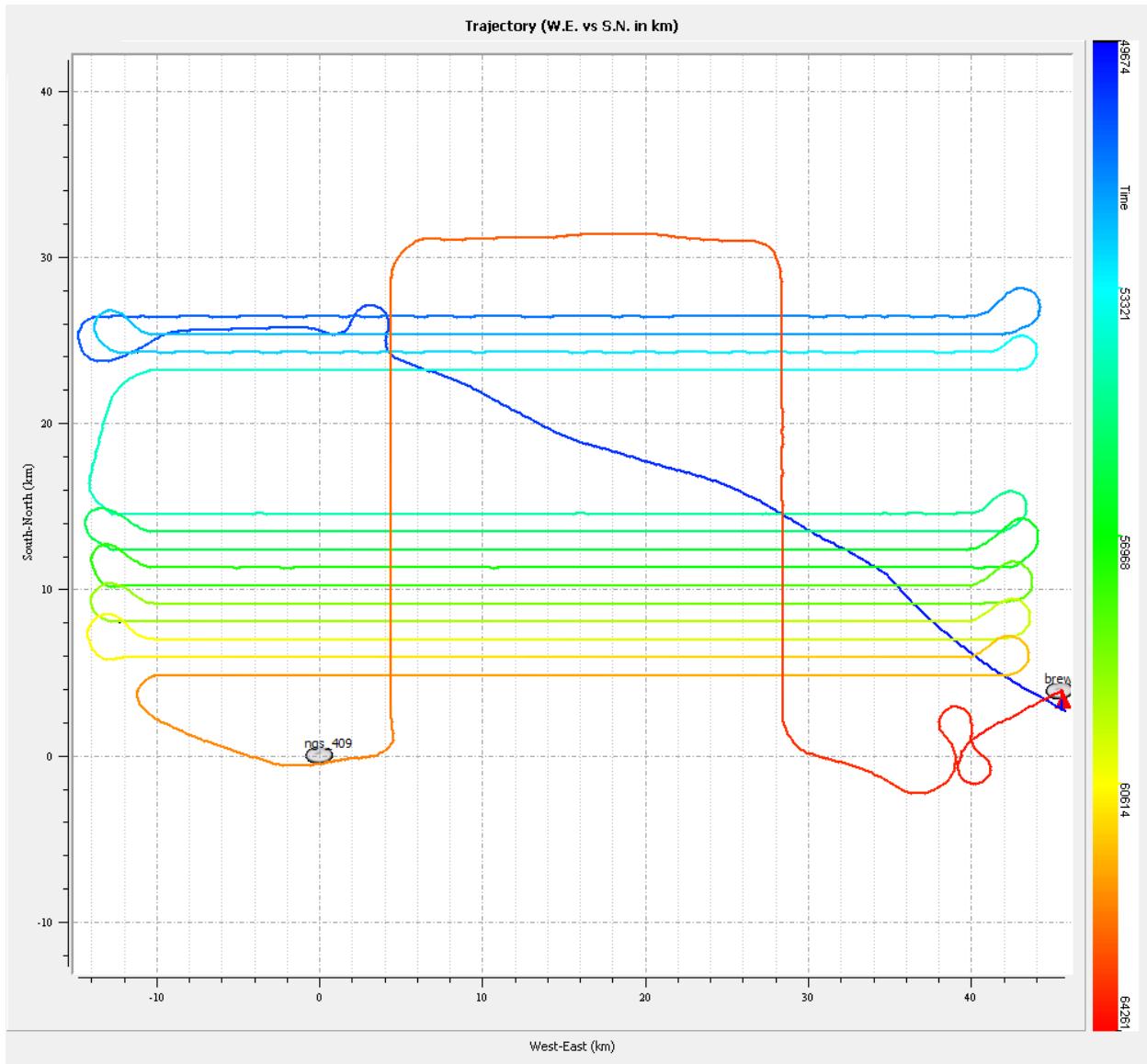


Figure 2: Velocity and Standard Deviation

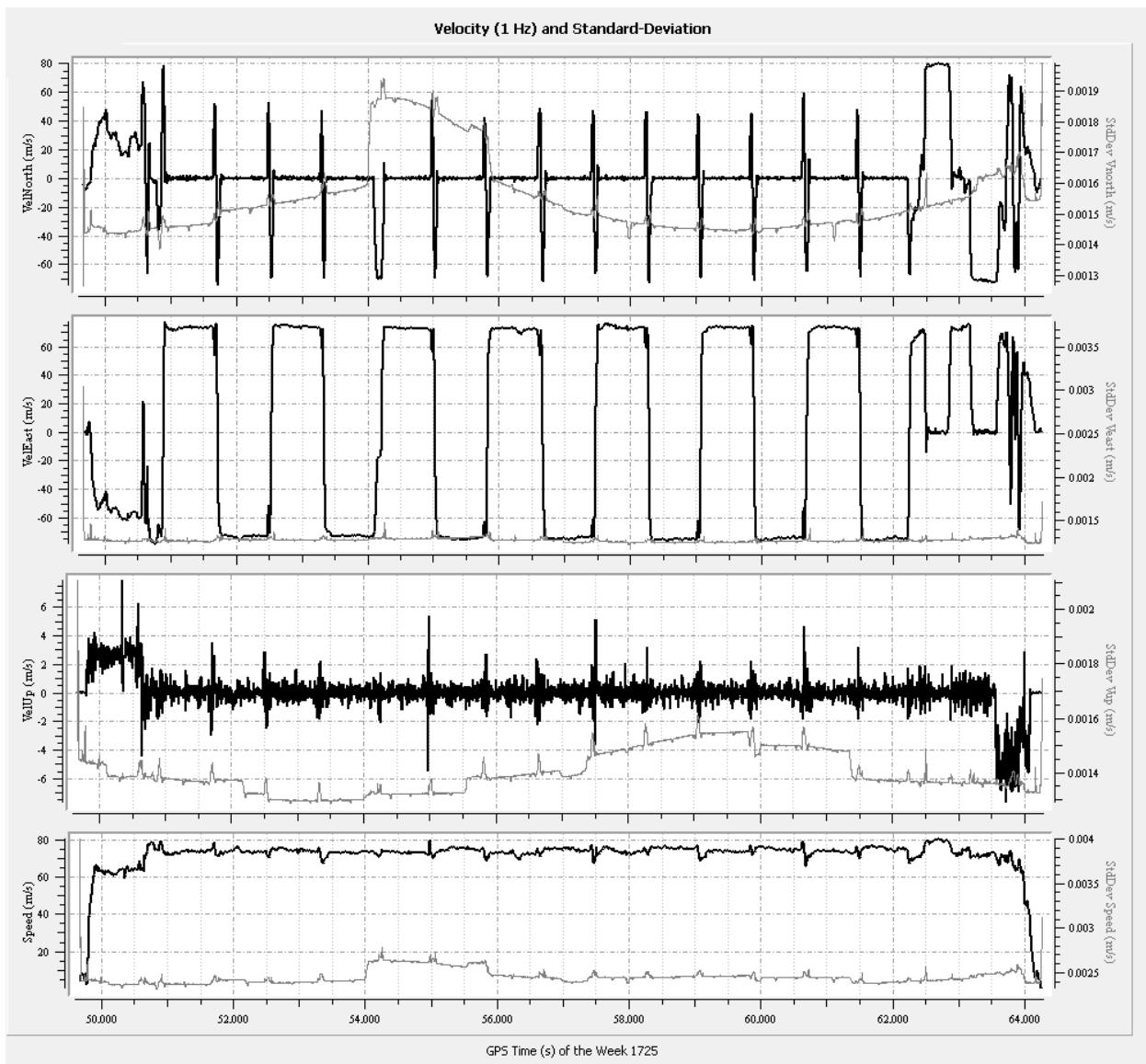


Figure 3: Forward/Reverse or Combined Separation Plot

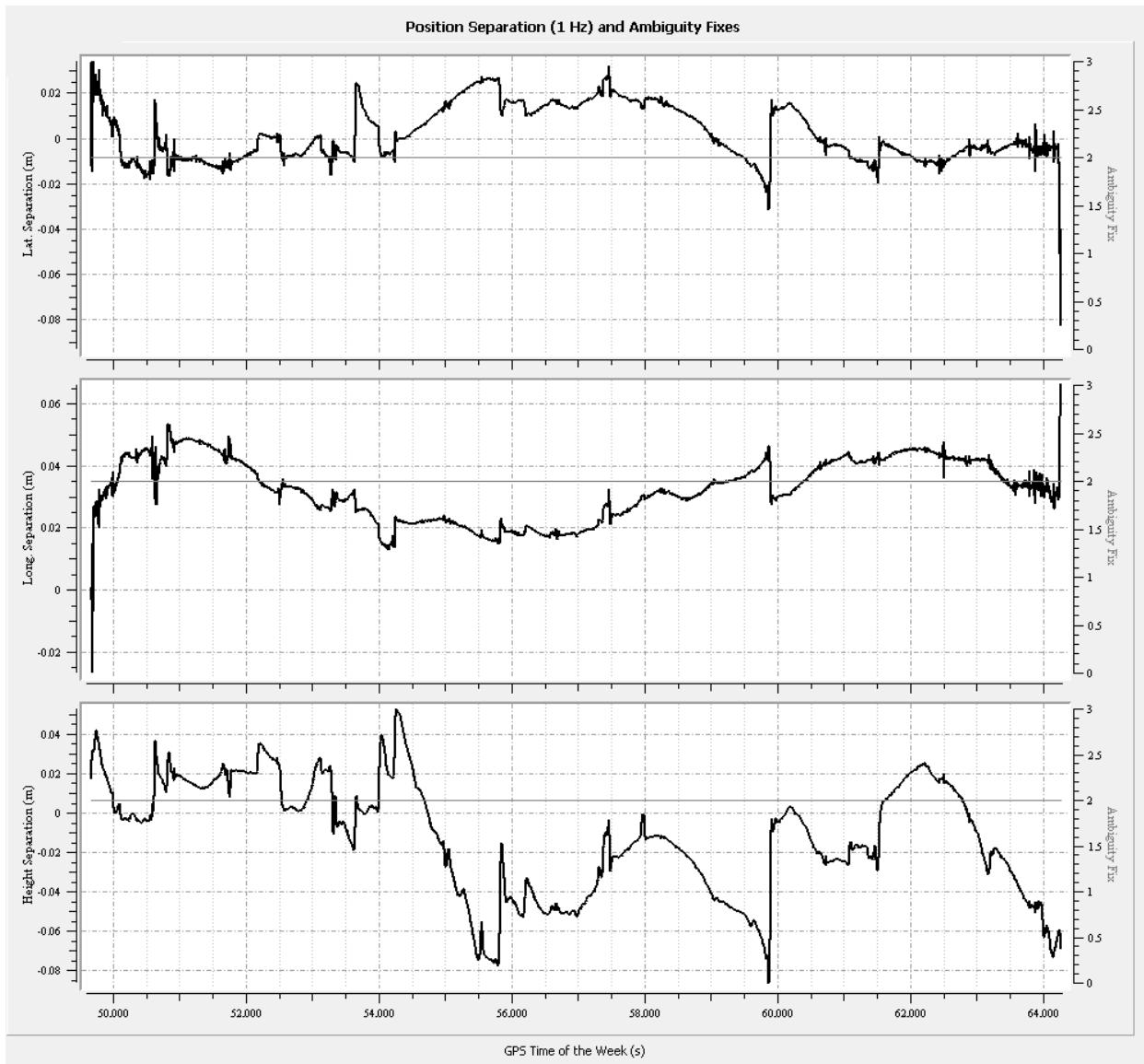


Figure 4: Attitude and Standard Deviation

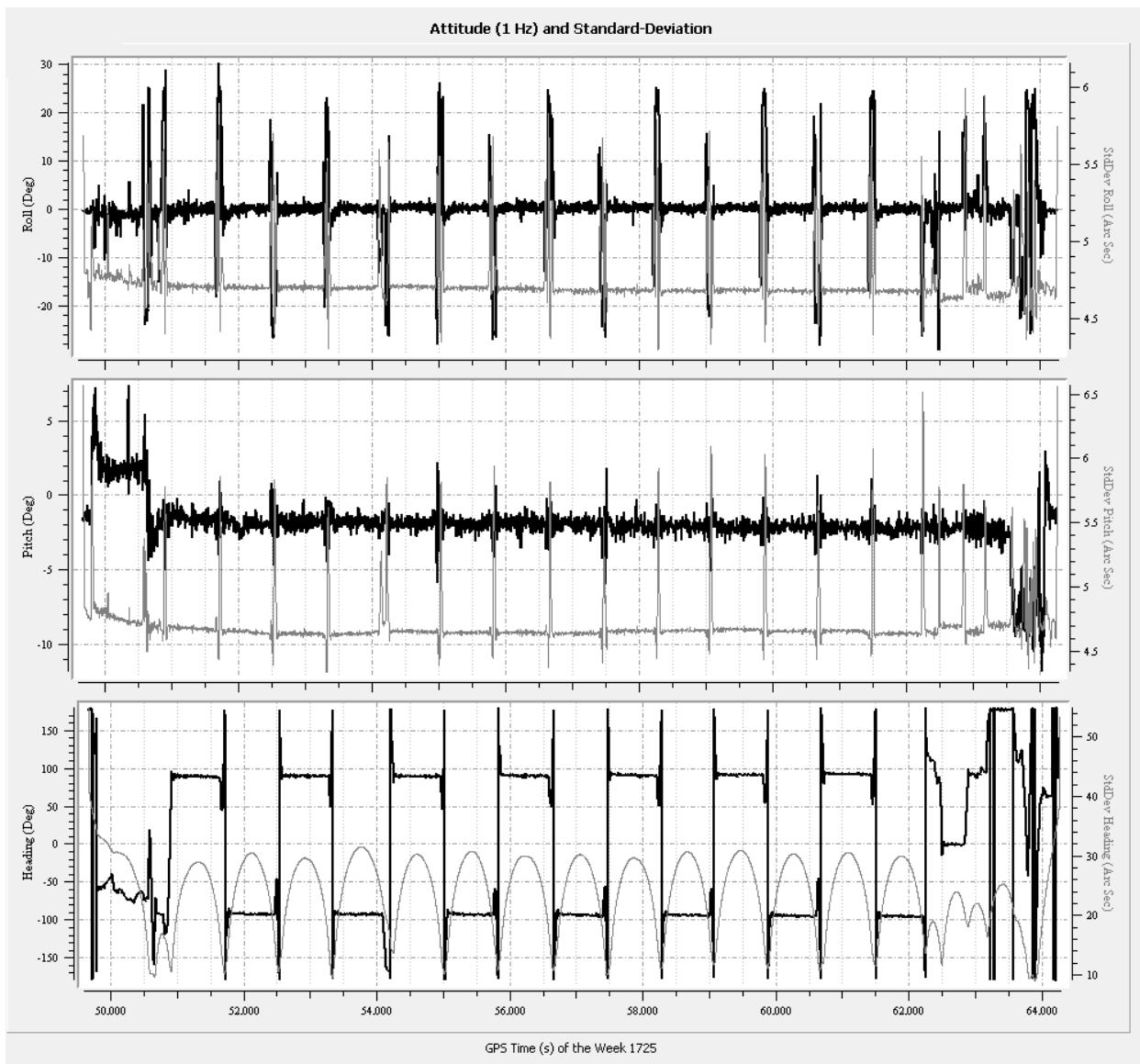


Figure 5: Position Accuracy and PDOP

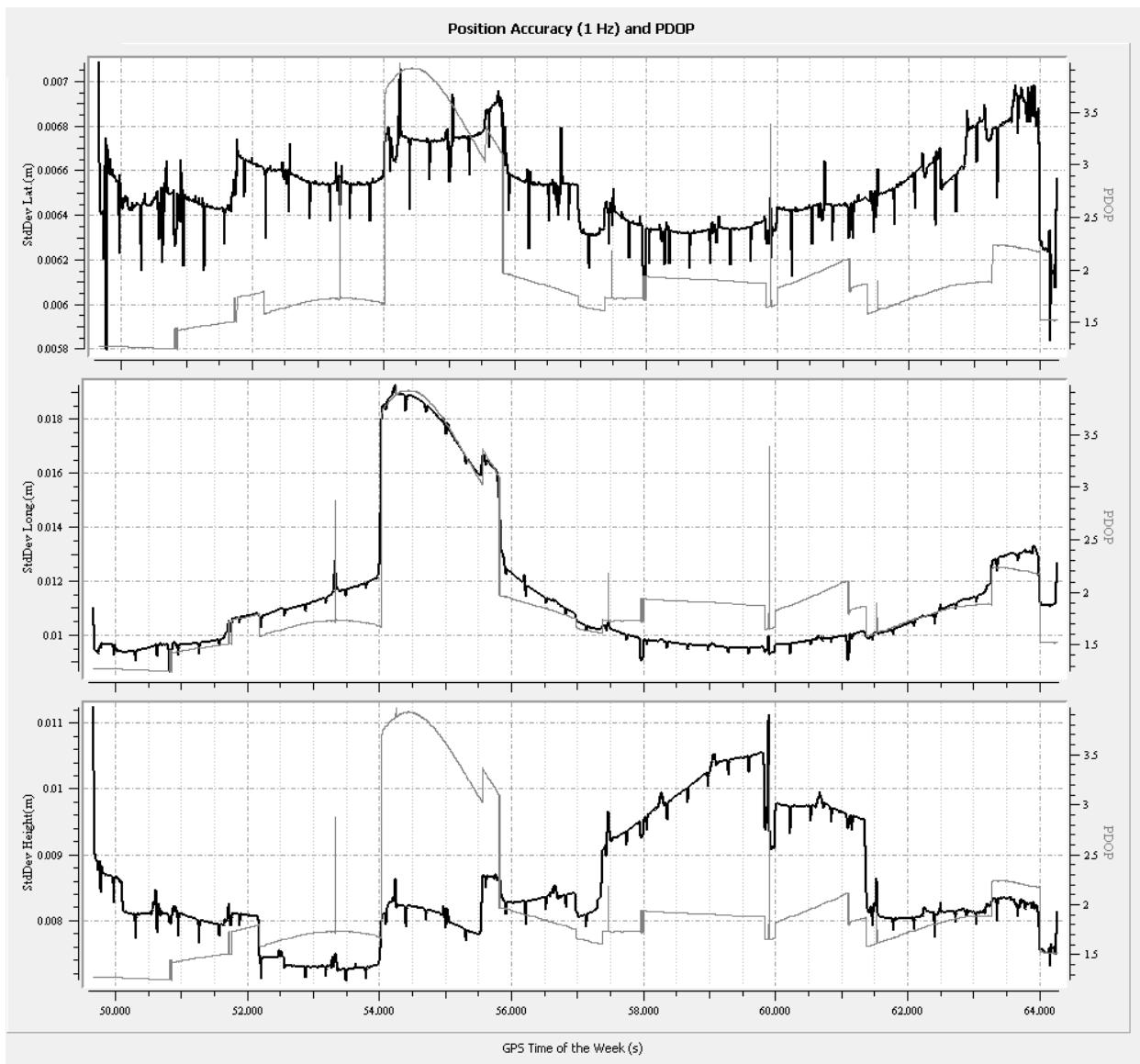


Figure 6: Accelerometer Bias Estimation

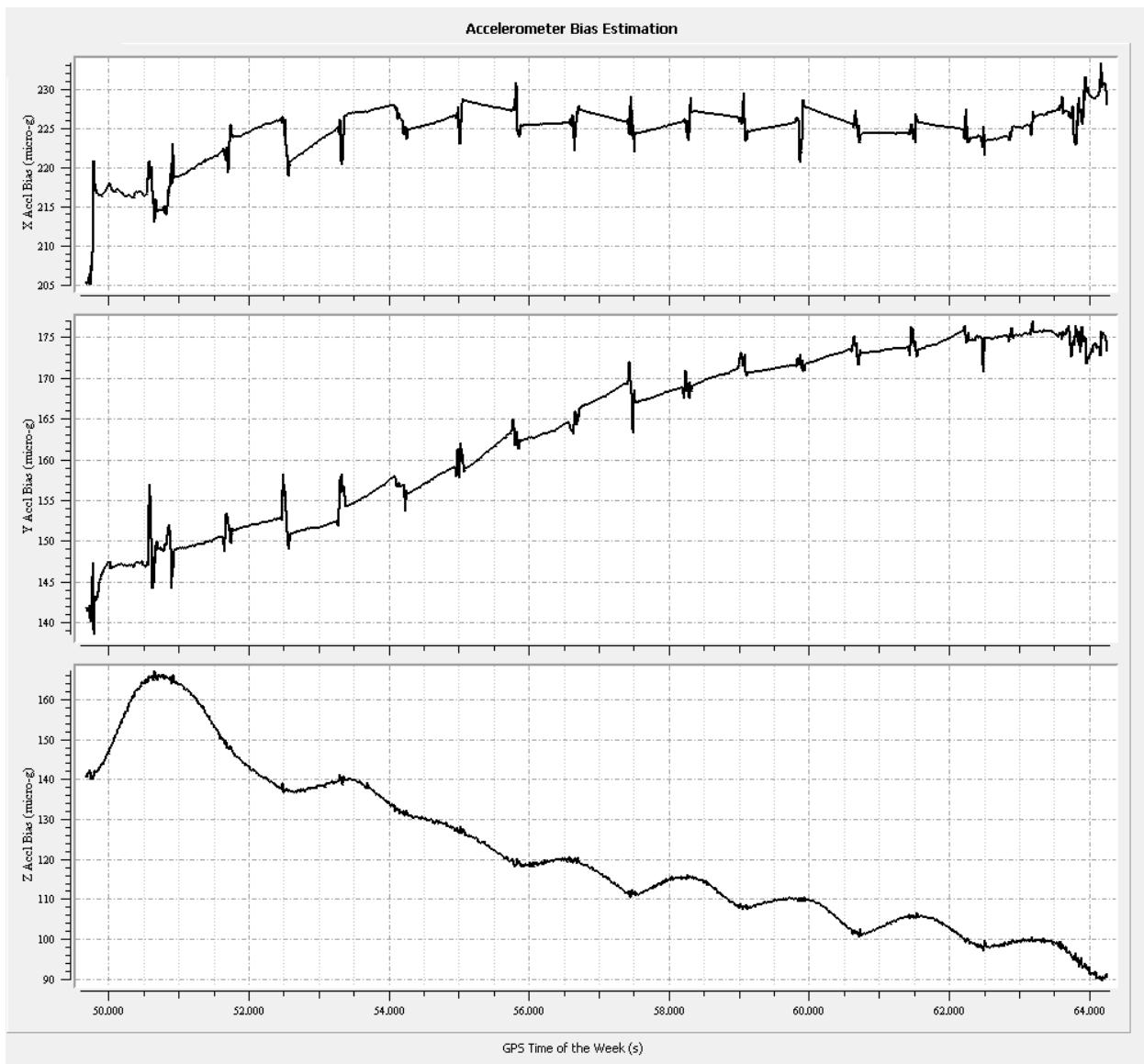


Figure 7: Kalman Filter Residuals and Position Accuracy

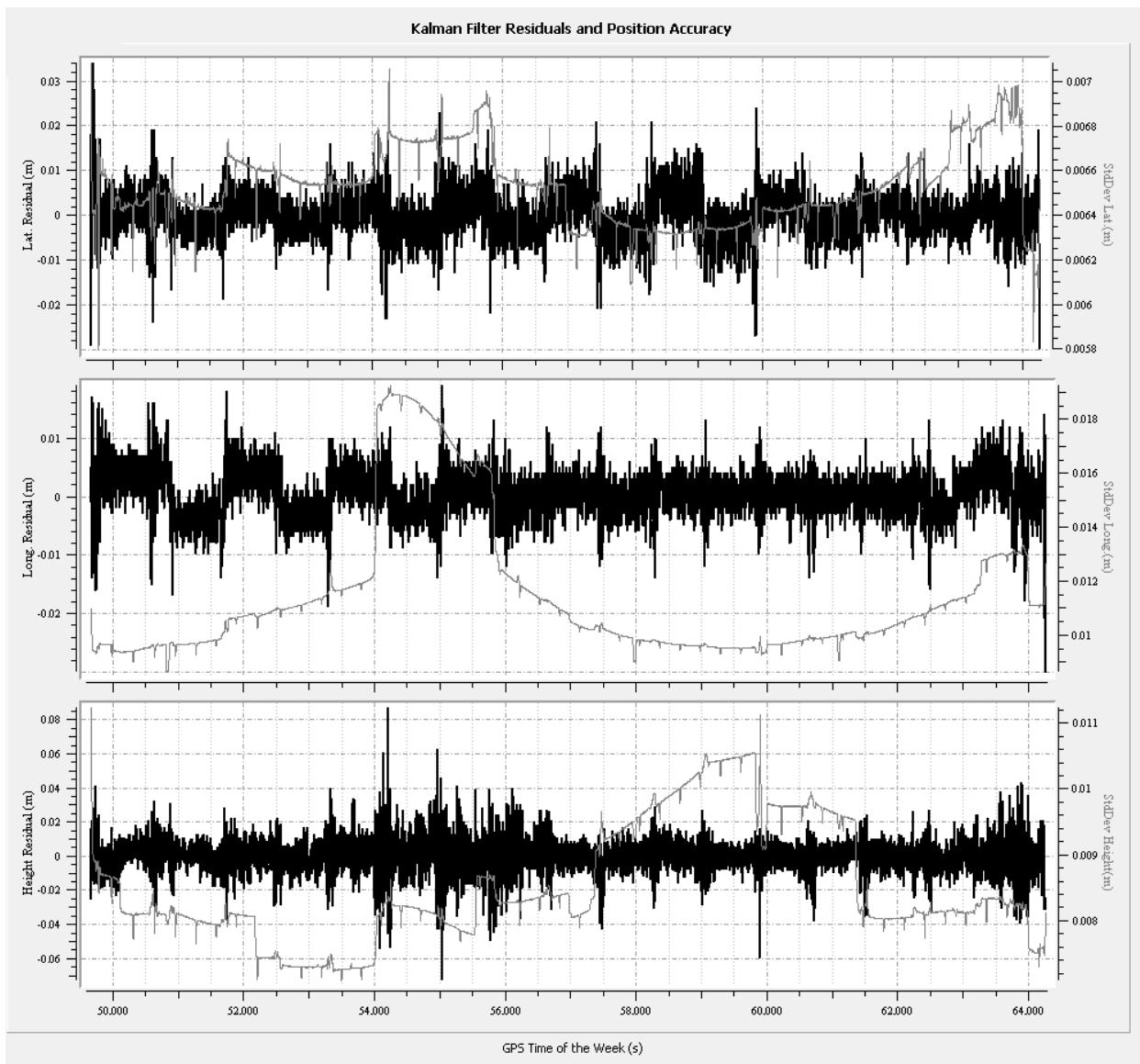
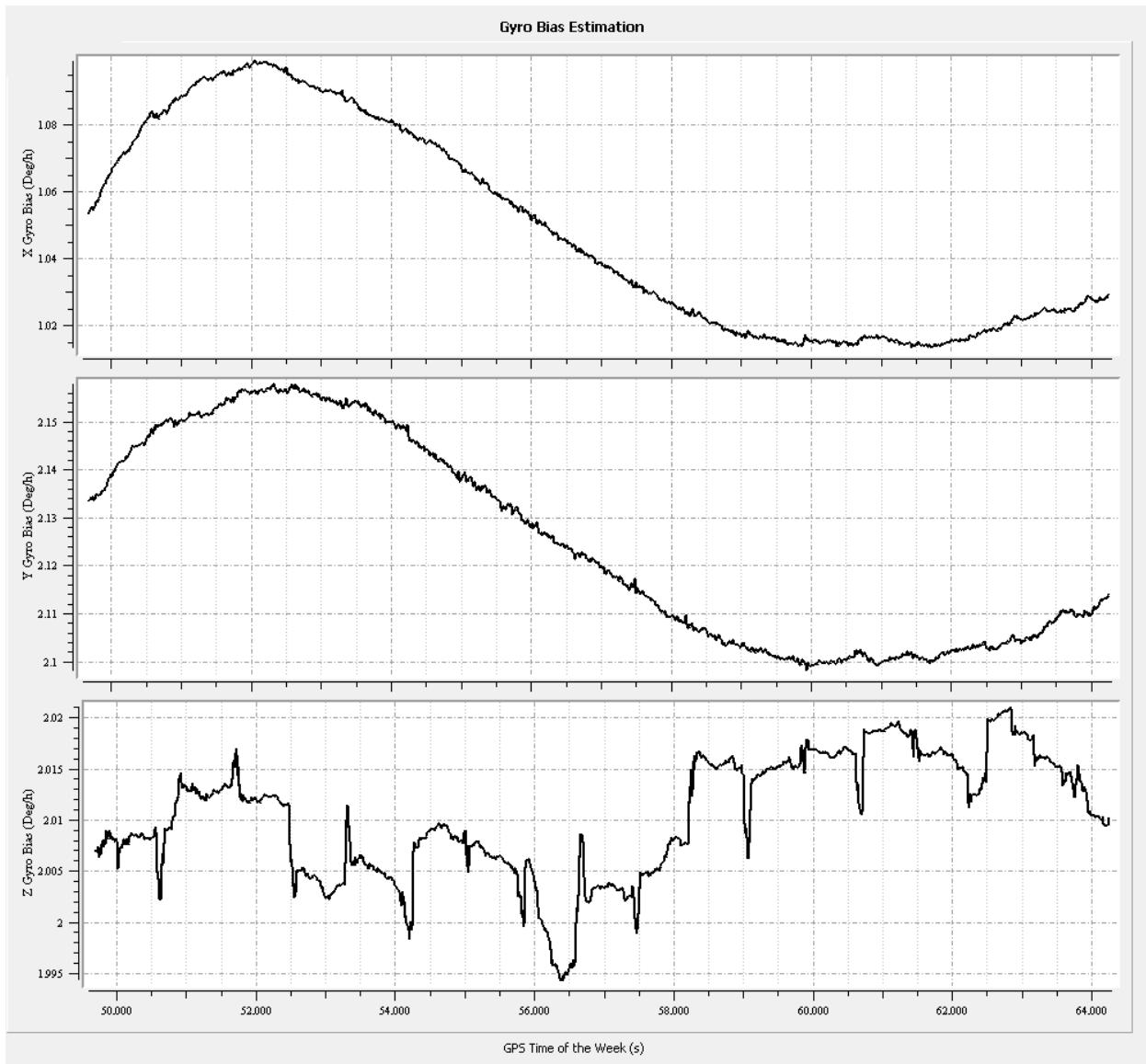


Figure 8: Gyro Bias Estimation



Output Result for JD13031_1

Figure 1: Trajectory Map

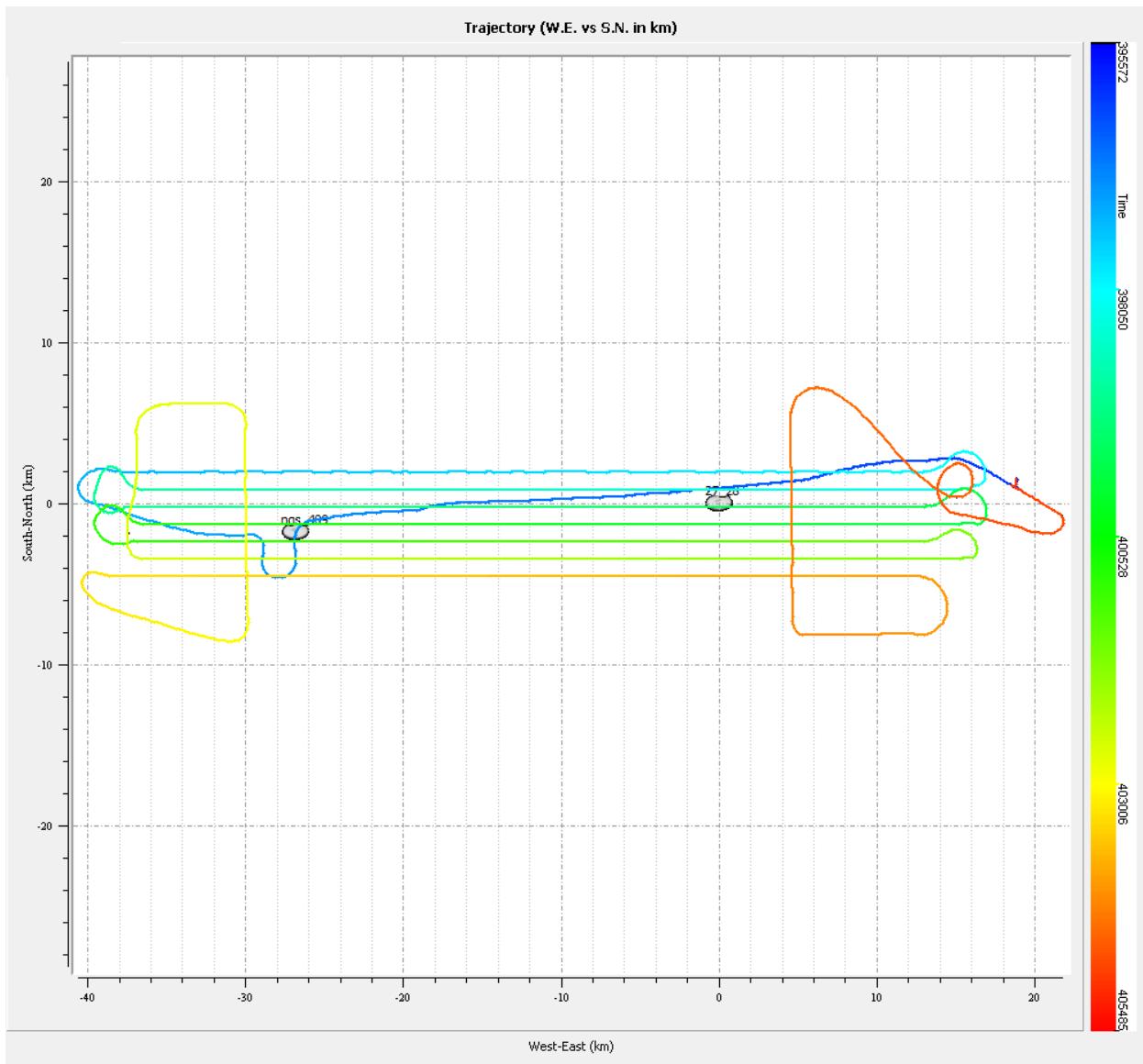


Figure 2: Velocity and Standard Deviation

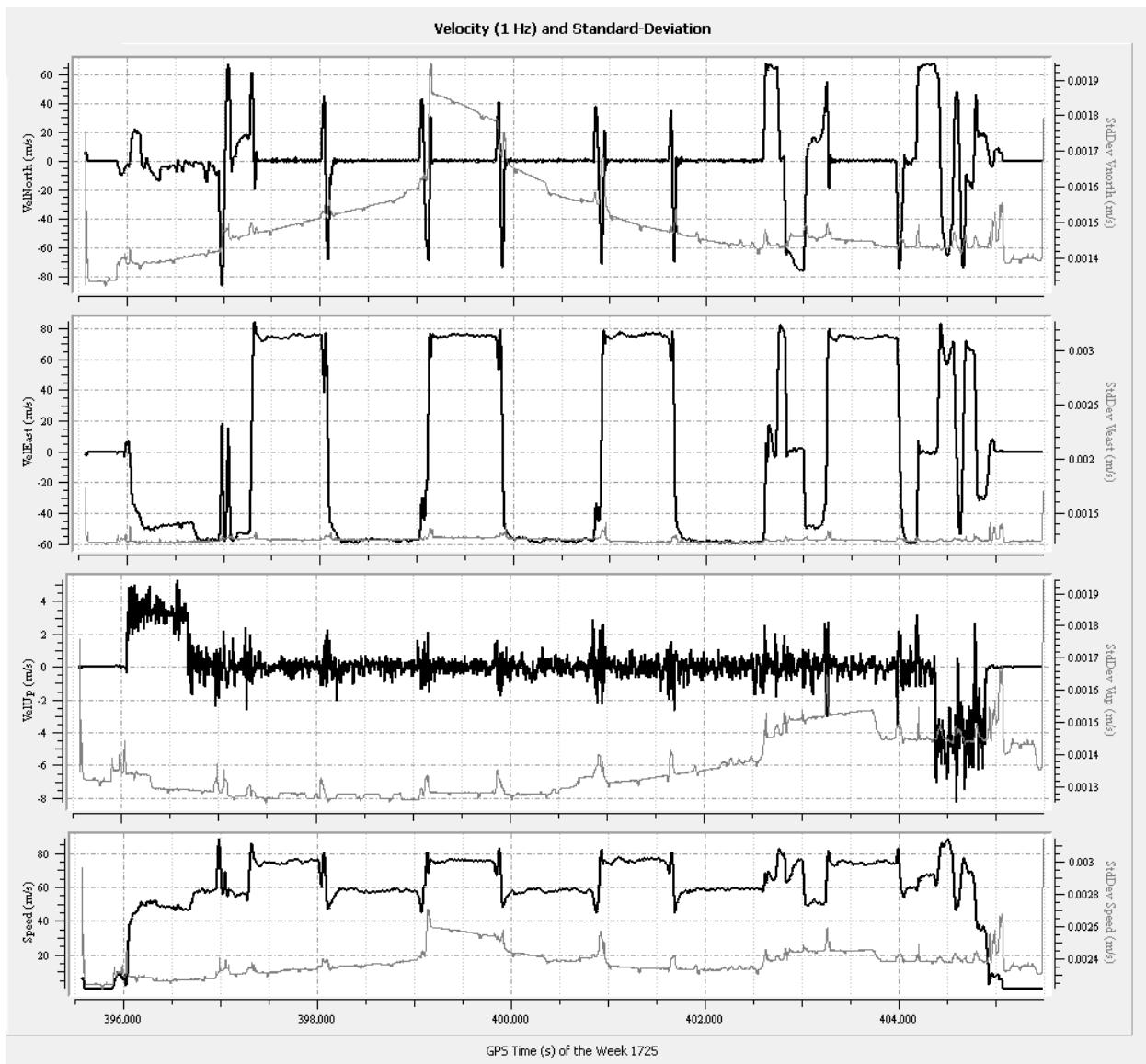


Figure 3: Forward/Reverse or Combined Separation Plot

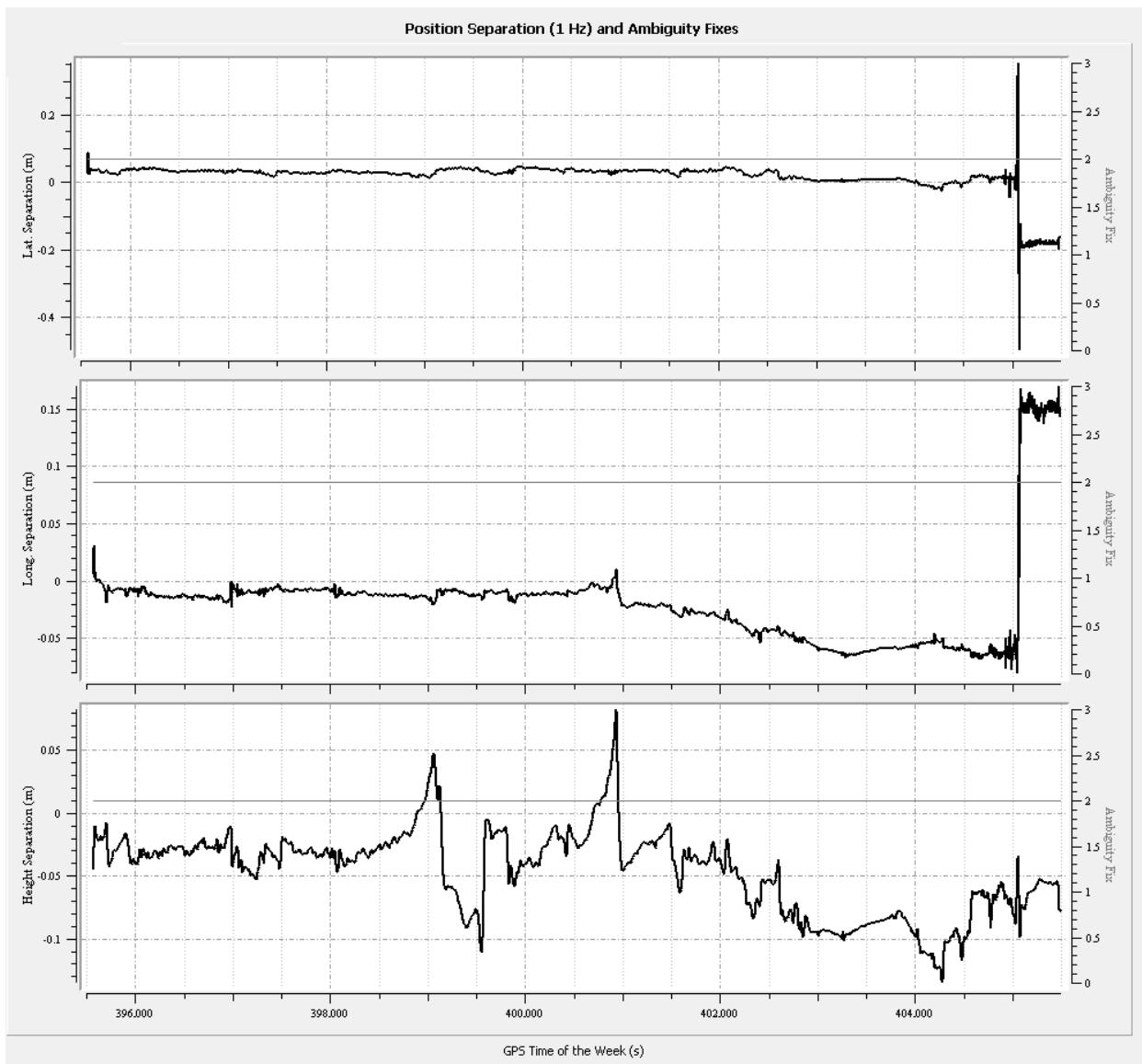


Figure 4: Attitude and Standard Deviation

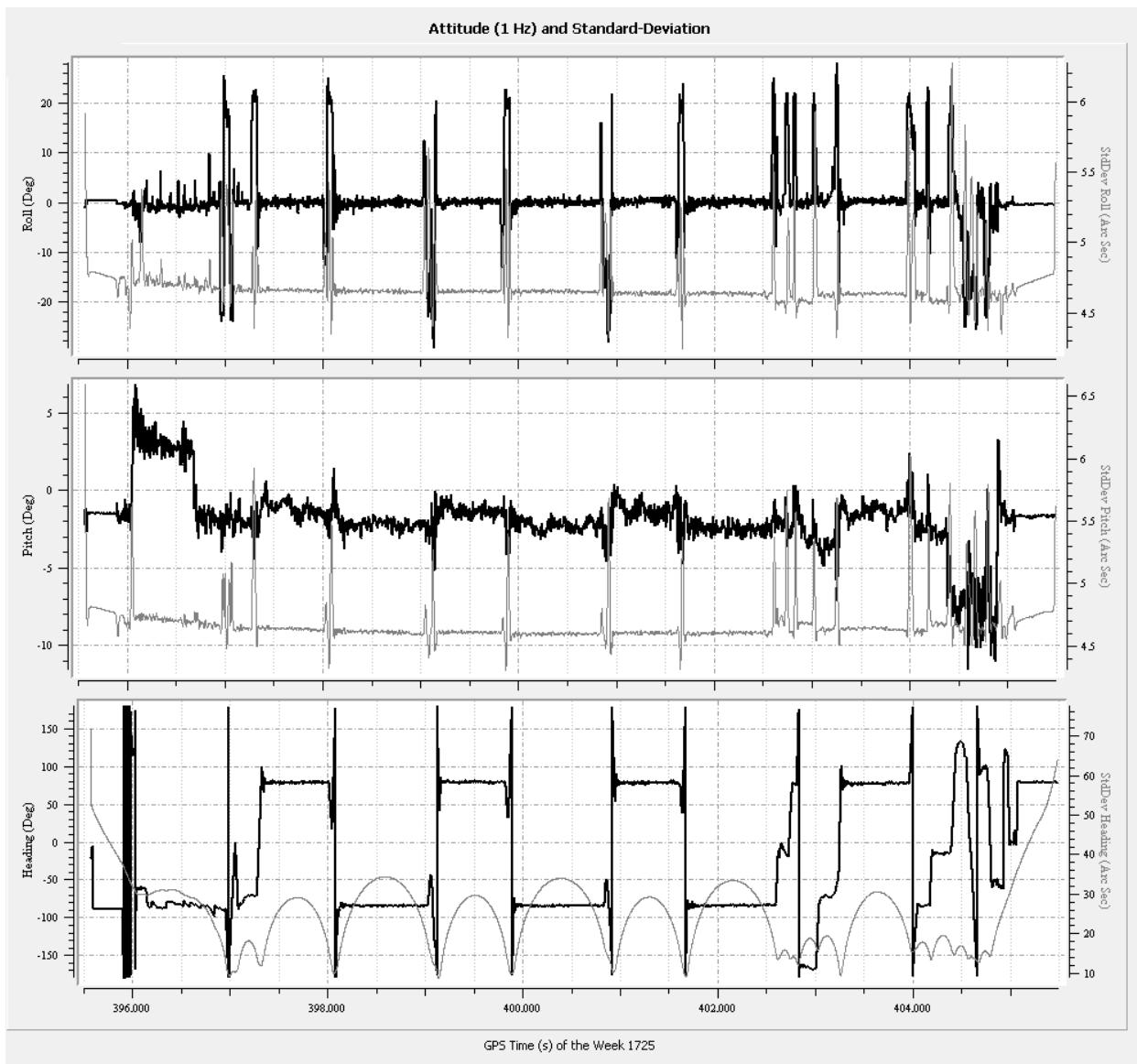


Figure 5: Position Accuracy and PDOP

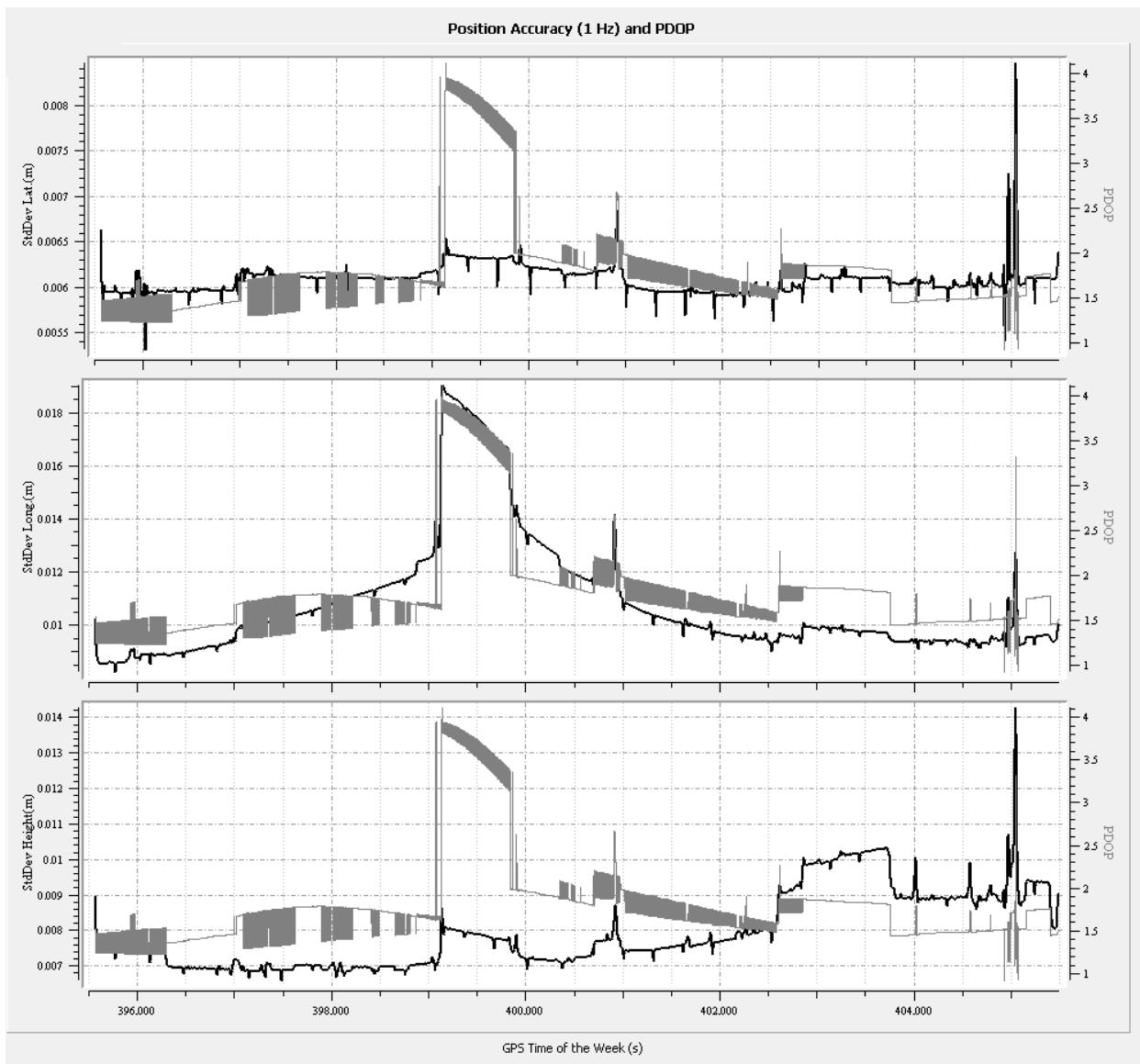


Figure 6: Accelerometer Bias Estimation

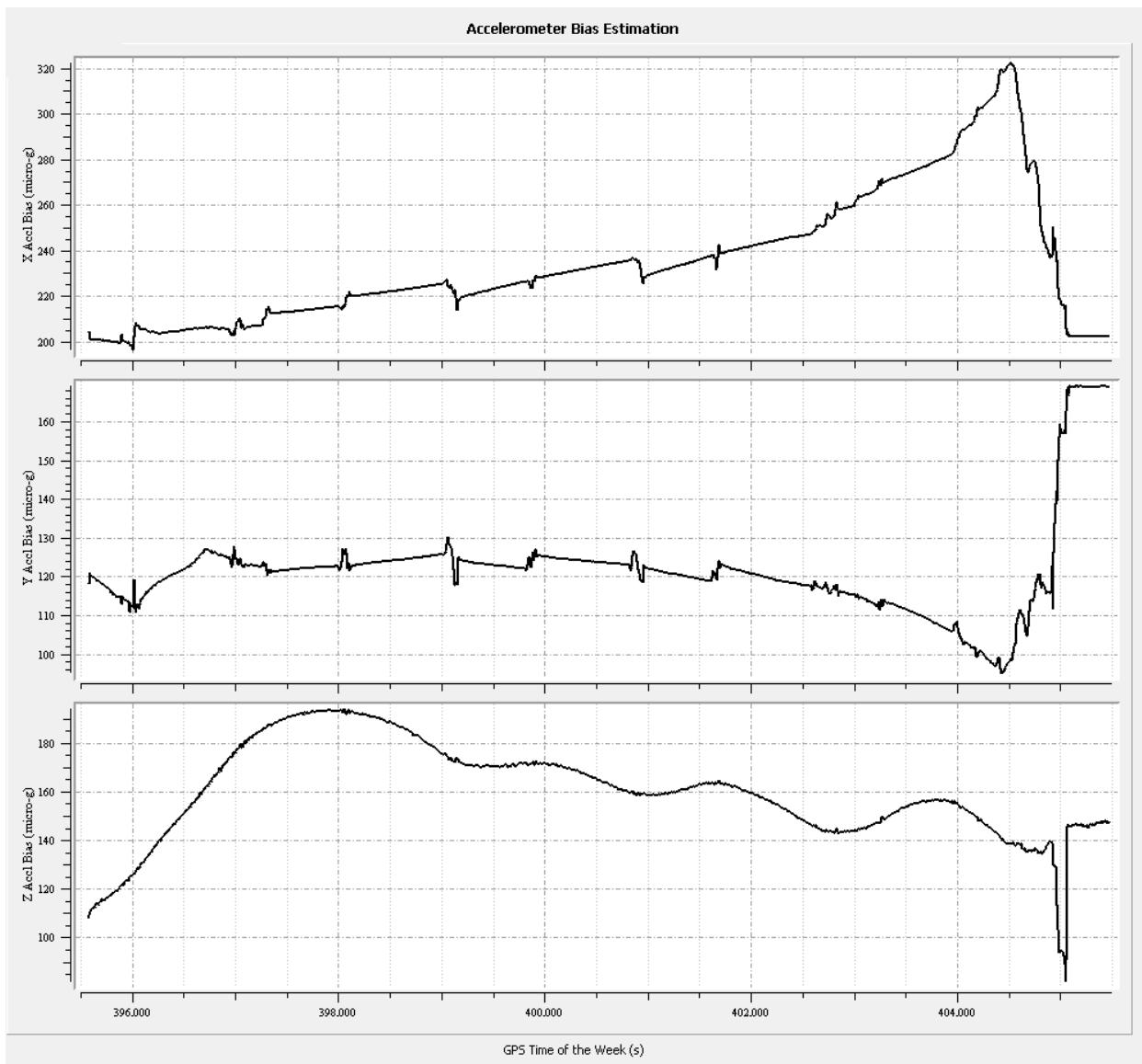


Figure 7: Kalman Filter Residuals and Position Accuracy

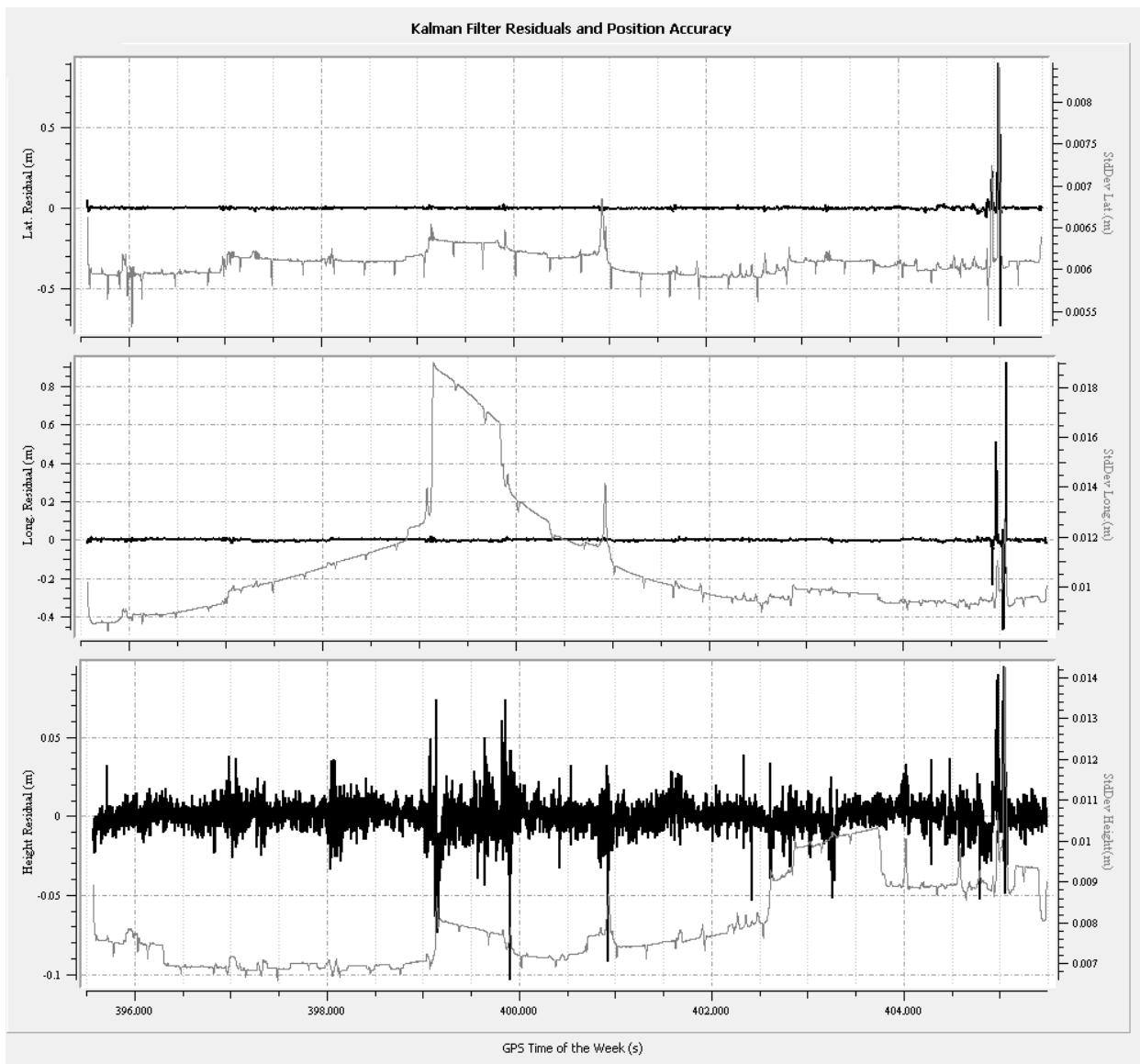
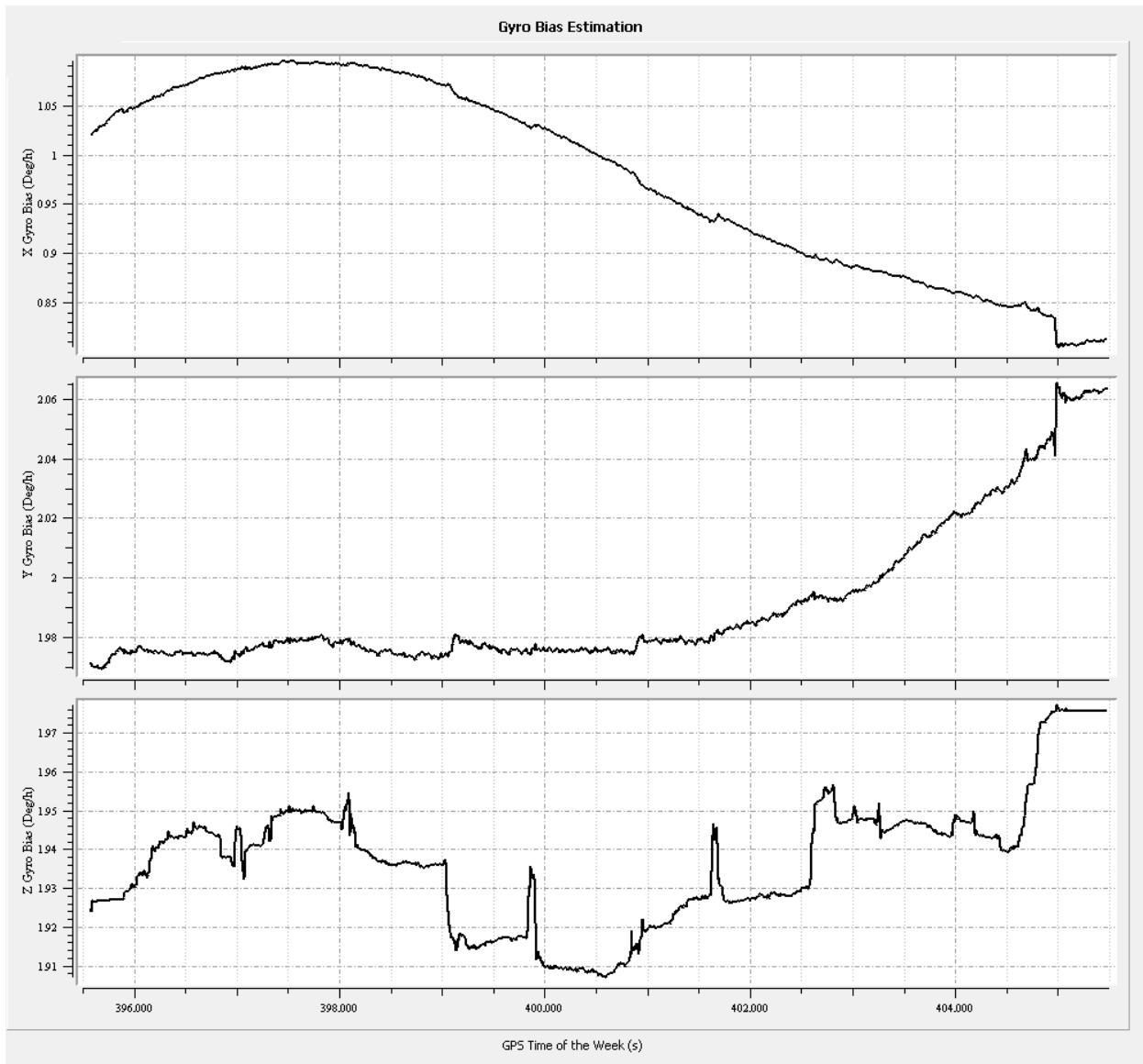


Figure 8: Gyro Bias Estimation



Appendix B: Flight Logs

JD13022_1

LINE ID	LINE NUMBER	ON/OFF	SET SCAN RATE	PULSERATE	WEEK NUM	SECONDS OF WEEK	ALT	HEADING	SPEED(knots)	ROLL COMP
		OFF-LINE	1	100000	1724	233585.7	-1.017	6.16	0	ON
		OFF-LINE	1	100000	1724	233615.8	-2.333	10.147	0.035	ON
		OFF-LINE	1	100000	1724	233645.8	-2.775	10.136	0.015	ON
		OFF-LINE	1	100000	1724	233675.8	-2.95	10.109	0.018	ON
		OFF-LINE	1	100000	1724	233705.8	-3.19	10.082	0.032	ON
		OFF-LINE	1	100000	1724	233735.8	-3.24	9.997	0.04	ON
130122_165520	BITTEST	OFF	10	50000	1724	233740.1	-3.219	9.936	0.026	ON
130122_165523	BITTEST	ON	10	50000	1724	233740.2	-3.218	9.945	0.033	ON
130122_165523	BITTEST	OFF	10	50000	1724	233744.2	-3.195	9.951	0.011	ON
130122_165546	LASETEST	ON	10	50000	1724	233763.4	-3.079	9.865	0.025	ON
130122_165546	LASETEST	OFF	10	50000	1724	233766.1	-3.068	9.828	0.022	ON
		OFF-LINE	28.8	118100	1724	233795.7	-2.862	9.697	0.029	ON
		OFF-LINE	30.5	82700	1724	233825.8	-2.586	9.533	0.036	ON
		OFF-LINE	30.5	82700	1724	233855.7	-2.171	276.146	4.283	ON
		OFF-LINE	30.5	82700	1724	233885.8	-3.137	272.448	0.08	ON
		OFF-LINE	30.5	82700	1724	233915.8	-3.898	270.382	0.069	ON
		OFF-LINE	30.5	82700	1724	233945.8	-4.087	270.977	0.056	ON
		OFF-LINE	30.5	82700	1724	233975.8	-4.071	272.106	0.026	ON
		OFF-LINE	30.5	82700	1724	234005.8	-4.128	272.806	0.041	ON
		OFF-LINE	30.5	82700	1724	234035.8	-4.185	273.29	0.022	ON

		OFF-LINE	30.5	82700	1724	234065.8	-4.163	273.593	0.009	ON
		OFF-LINE	30.5	82700	1724	234095.8	-4.177	273.994	0.019	ON
		OFF-LINE	30.5	82700	1724	234125.9	-4.156	274.486	0.04	ON
		OFF-LINE	30.5	82700	1724	234155.8	-4.169	274.589	0.052	ON
		OFF-LINE	30.5	82700	1724	234185.8	-4.369	274.902	0.029	ON
		OFF-LINE	30.5	82700	1724	234215.8	-3.987	182.235	10.757	ON
		OFF-LINE	30.5	82700	1724	234245.8	-1.12	181.07	11.244	ON
		OFF-LINE	30.5	82700	1724	234275.8	0.378	181.213	9.619	ON
		OFF-LINE	30.5	82700	1724	234305.8	1.569	210.656	7.337	ON
		OFF-LINE	30.5	82700	1724	234335.8	1.967	120.202	14.598	ON
		OFF-LINE	30.5	82700	1724	234365.8	2.137	300.893	6.255	ON
		OFF-LINE	30.5	82700	1724	234395.8	0.359	299.724	24.28	ON
		OFF-LINE	30.5	82700	1724	234425.8	-2.097	300.202	27.928	ON
		OFF-LINE	30.5	82700	1724	234455.8	-3.504	300.377	23.095	ON
		OFF-LINE	30.5	82700	1724	234485.8	-4.069	285.772	6.205	ON
		OFF-LINE	30.5	82700	1724	234515.8	-3.511	119.065	17.977	ON
		OFF-LINE	30.5	82700	1724	234545.8	-1.735	119.558	29.991	ON
		OFF-LINE	30.5	82700	1724	234575.8	0.719	119.152	28.719	ON
		OFF-LINE	30.5	82700	1724	234605.9	2.408	119.488	0.494	ON
		OFF-LINE	30.5	82700	1724	234635.8	2.72	297.445	3.576	ON
		OFF-LINE	30.5	82700	1724	234665.8	0.396	300.148	72.079	ON
		OFF-LINE	30.5	82700	1724	234695.8	66.953	302.87	90.316	ON
		OFF-LINE	30.5	82700	1724	234725.8	169.756	307.477	98.467	ON
		OFF-LINE	30.5	82700	1724	234755.8	272.868	262.28	109.795	ON
		OFF-LINE	30.5	82700	1724	234785.8	417.397	165.346	109.709	ON
		OFF-LINE	30.5	82700	1724	234815.8	505.227	116.395	114.169	ON
		OFF-LINE	30.5	82700	1724	234845.8	603.054	100.858	113.341	ON
		OFF-LINE	30.5	82700	1724	234875.8	691.789	103.157	121.515	ON
		OFF-LINE	30.5	82700	1724	234905.8	772.037	93.913	129.187	ON

		OFF-LINE	30.5	82700	1724	234935.8	863.661	83.186	132.136	ON
		OFF-LINE	32.9	135200	1724	234965.8	975.126	34.724	116.015	ON
		OFF-LINE	32.9	135200	1724	234995.8	1068.38	315.242	96.552	ON
		OFF-LINE	32.9	135200	1724	235025.8	1165.079	266.127	105.857	ON
		OFF-LINE	32.9	135200	1724	235055.8	1266.983	242.417	113.957	ON
		OFF-LINE	32.9	135200	1724	235085.7	1374.627	198.438	126.847	ON
		OFF-LINE	32.9	135200	1724	235115.8	1457.131	152.938	141.375	ON
		OFF-LINE	32.9	135200	1724	235145.8	1570.865	109.128	136.652	ON
		OFF-LINE	32.9	135200	1724	235175.8	1678.152	71.657	127.534	ON
		OFF-LINE	32.9	135200	1724	235205.8	1778.731	58.585	123.945	ON
		OFF-LINE	32.9	135200	1724	235235.8	1866.922	347.914	101.427	ON
		OFF-LINE	32.9	135200	1724	235265.8	1919.733	290.141	113.076	ON
		OFF-LINE	32.9	135200	1724	235295.7	1913.563	294.675	122.397	ON
		OFF-LINE	32.9	135200	1724	235325.8	1902.21	299.308	125.848	ON
		OFF-LINE	32.9	135200	1724	235355.8	1919.259	299	123.402	ON
130122_172219	UL001	ON	32.9	135200	1724	235356.1	1919.425	299.342	123.379	ON
130122_172219	UL001	ON-LINE	32.9	135200	1724	235385.8	1932.844	300.264	122.082	ON
130122_172219	UL001	ON-LINE	32.9	135200	1724	235415.8	1921.483	297.414	126.816	ON
130122_172219	UL001	OFF	32.9	135200	1724	235419.5	1920.099	296.84	127.482	ON
130122_172219	UL001	Yellow Warning	32.9	135200	1724	235419.5	1919.448	296.455	127.781	ON
130122_172219	UL001	Cleared	32.9	135200	1724	235419.5	1918.931	296.232	128.003	ON
130122_172219	UL001	Yellow Warning	32.9	135200	1724	235419.5	1918.931	296.232	128.003	ON
130122_172219	UL001	Yellow Warning	32.9	135200	1724	235419.5	1918.931	296.232	128.003	ON
130122_172219	UL001	Cleared	32.9	135200	1724	235419.5	1918.416	296.077	128.21	ON
130122_172219	UL001	Cleared	32.9	135200	1724	235419.5	1918.416	296.077	128.21	ON
		OFF-LINE	32.9	135200	1724	235448.8	1910.487	266.293	136.193	ON
		OFF-LINE	32.9	135200	1724	235478.8	1933.923	316.461	122.808	ON

		OFF-LINE	32.9	135200	1724	235508.8	1921.616	63.71	142.158	ON
		OFF-LINE	32.9	135200	1724	235538.8	1873.178	129.809	159.096	ON
130122_172535	UL002	ON	32.9	135200	1724	235552.8	1907.105	119.988	149.505	ON
130122_172535	UL002	Yellow Warning	32.9	135200	1724	235552.8	1929.341	127.168	139.803	ON
130122_172535	UL002	Cleared	32.9	135200	1724	235552.8	1930.92	126.916	139.863	ON
130122_172535	UL002	ON-LINE	32.9	135200	1724	235582.8	1926.709	113.764	143.534	ON
130122_172535	UL002	ON-LINE	32.9	135200	1724	235612.8	1928.995	115.412	148.879	ON
130122_172535	UL002	OFF	32.9	135200	1724	235634.7	1902.843	119.31	157.375	ON
130122_172535	UL002	Yellow Warning	32.9	135200	1724	235634.7	1901.523	124.86	157.98	ON
130122_172535	UL002	Cleared	32.9	135200	1724	235634.7	1899.608	127.413	158.802	ON
130122_172535	UL002	Yellow Warning	32.9	135200	1724	235634.7	1899.608	127.413	158.802	ON
130122_172535	UL002	Yellow Warning	32.9	135200	1724	235634.7	1899.608	127.413	158.802	ON
130122_172535	UL002	Cleared	32.9	135200	1724	235634.7	1895.801	130.137	160.154	ON
130122_172535	UL002	Cleared	32.9	135200	1724	235634.7	1895.801	130.137	160.154	ON
		OFF-LINE	32.9	135200	1724	235663.8	1905.376	186.44	154.354	ON
		OFF-LINE	32.9	135200	1724	235693.8	1926.381	269.968	127.055	ON
		OFF-LINE	32.9	135200	1724	235723.8	1891.022	292.258	131.777	ON
		OFF-LINE	32.9	135200	1724	235753.7	1899.254	313.026	130.373	ON
		OFF-LINE	32.9	135200	1724	235783.8	1905.501	356.286	134.212	ON
130122_172938	UL003	ON	32.9	135200	1724	235795	1917.216	25.537	139.364	ON
130122_172938	UL003	ON-LINE	32.9	135200	1724	235824.7	1920.905	25.637	141.52	ON
130122_172938	UL003	OFF	32.9	135200	1724	235832.3	1921.923	25.033	141.737	ON
130122_172938	UL003	Yellow Warning	32.9	135200	1724	235832.3	1920.396	26.803	142.961	ON
130122_172938	UL003	Cleared	32.9	135200	1724	235832.3	1920.033	27.727	143.449	ON
130122_172938	UL003	Yellow Warning	32.9	135200	1724	235832.3	1920.02	27.765	143.468	ON

130122_172938	UL003	Yellow Warning	32.9	135200	1724	235832.3	1920.02	27.765	143.468	ON
130122_172938	UL003	Cleared	32.9	135200	1724	235832.3	1919.913	28.928	143.914	ON
130122_172938	UL003	Cleared	32.9	135200	1724	235832.3	1919.913	28.928	143.914	ON
		OFF-LINE	32.9	135200	1724	235861.8	1926.36	43.066	149.406	ON
		OFF-LINE	32.9	135200	1724	235891.7	1929.52	65.321	157.881	ON
		OFF-LINE	32.9	135200	1724	235921.8	1920.353	60.186	157.768	ON
		OFF-LINE	32.9	135200	1724	235951.7	1911.965	58.212	158.859	ON
		OFF-LINE	32.9	135200	1724	235981.8	1910.607	52.095	157.436	ON
		OFF-LINE	32.9	135200	1724	236011.8	1921.381	47.361	153.21	ON
		OFF-LINE	32.9	135200	1724	236041.8	1915.988	45.781	154.33	ON
		OFF-LINE	32.9	135200	1724	236071.8	1919.103	46.709	153.598	ON
		OFF-LINE	32.9	135200	1724	236101.8	1915.994	43.944	153.245	ON
		OFF-LINE	32.9	135200	1724	236131.8	1909.191	51.669	157.303	ON
		OFF-LINE	32.9	135200	1724	236161.7	1912.728	50.852	155.792	ON
		OFF-LINE	32.9	135200	1724	236191.8	1905.81	53.669	157.731	ON
		OFF-LINE	32.9	135200	1724	236221.8	1912.278	51.906	155.34	ON
		OFF-LINE	32.9	135200	1724	236251.8	1904.898	50.285	155.815	ON
		OFF-LINE	32.9	135200	1724	236281.8	1917.022	27.22	142.099	ON
		OFF-LINE	32.9	135200	1724	236311.8	1931.916	309.446	125.66	ON
		OFF-LINE	32.9	135200	1724	236341.8	1915.559	30.572	147.559	ON
		OFF-LINE	32.9	135200	1724	236371.8	1903.69	111.941	176.268	ON
		OFF-LINE	32.9	135200	1724	236401.8	1925.062	65.101	155.881	ON
		OFF-LINE	32.9	135200	1724	236431.8	1926.94	5.466	133.989	ON
		OFF-LINE	32.9	135200	1724	236461.8	1926.091	233.097	142.922	ON
		OFF-LINE	32.9	135200	1724	236491.7	1902.965	288.096	126.507	ON
		OFF-LINE	32.9	135200	1724	236521.8	1909.673	274.016	128.489	ON
130122_174201	100	ON	32.9	135200	1724	236538.8	1902.975	274.225	131.099	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236568.7	1904.069	276.299	131.584	ON

130122_174201	100	ON-LINE	32.9	135200	1724	236598.8	1909.597	275.546	131.321	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236628.7	1916.899	277.48	132.407	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236658.8	1918.796	275.916	133.4	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236688.8	1919.215	276.104	135.119	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236718.8	1924.087	276.236	134.881	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236748.8	1917.039	276.834	135.609	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236778.7	1908.896	276.483	134.814	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236808.8	1909.738	276.538	133.983	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236838.7	1910.71	277.426	134.135	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236868.8	1908.795	275.435	135.516	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236898.7	1925.201	276.267	133.512	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236928.8	1917.605	274.717	135.603	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236958.7	1917.663	276.966	134.909	ON
130122_174201	100	ON-LINE	32.9	135200	1724	236988.8	1917.217	275.945	134.937	ON
130122_174201	100	ON-LINE	32.9	135200	1724	237018.7	1913.335	276.25	134.928	ON
130122_174201	100	ON-LINE	32.9	135200	1724	237048.8	1911.936	275.95	133.799	ON
130122_174201	100	ON-LINE	32.9	135200	1724	237078.8	1913.288	274.916	134.045	ON
130122_174201	100	ON-LINE	32.9	135200	1724	237108.7	1910.82	275.451	134.615	ON
130122_174201	100	OFF	32.9	135200	1724	237127	1914.622	275.035	133.89	ON
130122_174201	100	Yellow Warning	32.9	135200	1724	237127	1914.329	274.884	134.052	ON
130122_174201	100	Yellow Warning	32.9	135200	1724	237127	1914.329	274.884	134.052	ON
130122_174201	100	Cleared	32.9	135200	1724	237127	1914.086	274.991	133.987	ON
130122_174201	100	Cleared	32.9	135200	1724	237127	1914.086	274.991	133.987	ON
		OFF-LINE	32.9	135200	1724	237156.7	1921.078	306.114	127.293	ON
		OFF-LINE	32.9	135200	1724	237186.8	1915.659	245.403	142.012	ON
		OFF-LINE	32.9	135200	1724	237216.9	1910.604	113.025	156.668	ON
		OFF-LINE	32.9	135200	1724	237246.8	1906.999	81.238	147.23	ON
130122_175404	101	ON	32.9	135200	1724	237261.5	1911.156	81.259	139.937	ON

130122_175404	101	ON-LINE	32.9	135200	1724	237290.8	1926.126	80.686	135.812	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237320.8	1937.51	80.516	136.996	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237350.8	1938.326	80.622	140.36	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237380.8	1929.747	80.577	142.807	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237410.8	1937.837	76.166	141.589	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237440.8	1938.762	81.077	142.505	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237470.8	1934.245	79.413	142.986	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237500.8	1928.8	79.768	143.823	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237530.8	1934.154	79.944	141.79	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237560.8	1929.518	80.613	143.606	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237590.8	1928.898	80.001	143.351	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237620.8	1924.014	79.053	143.082	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237650.8	1921.81	79.452	142.681	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237680.8	1925.296	79.714	143.213	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237710.8	1930.178	79.008	142.592	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237740.8	1929.113	81.241	142.758	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237770.8	1924.648	80.431	144.85	ON
130122_175404	101	ON-LINE	32.9	135200	1724	237800.8	1928.695	81.055	143.797	ON
130122_175404	101	OFF	32.9	135200	1724	237816.6	1923.48	79.36	145.015	ON
130122_175404	101	Yellow Warning	32.9	135200	1724	237816.6	1923.645	79.349	144.977	ON
130122_175404	101	Cleared	32.9	135200	1724	237816.6	1923.964	79.38	144.917	ON
130122_175404	101	Yellow Warning	32.9	135200	1724	237816.6	1923.964	79.38	144.917	ON
130122_175404	101	Yellow Warning	32.9	135200	1724	237816.6	1923.964	79.38	144.917	ON
130122_175404	101	Cleared	32.9	135200	1724	237816.6	1924.408	79.467	144.81	ON
130122_175404	101	Cleared	32.9	135200	1724	237816.6	1924.408	79.467	144.81	ON
		OFF-LINE	32.9	135200	1724	237845.8	1931.261	64.031	138.991	ON
		OFF-LINE	32.9	135200	1724	237875.8	1947.099	104.581	146.576	ON

		OFF-LINE	32.9	135200	1724	237905.8	1880.161	242.967	131.169	ON
		OFF-LINE	32.9	135200	1724	237935.8	1884.071	290.939	112.754	ON
		OFF-LINE	32.9	135200	1724	237965.8	1928.925	280.417	113.994	ON
130122_180611	102	ON	32.9	135200	1724	237988.4	1941.001	282.016	121.695	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238017.8	1931.447	276.559	129.76	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238047.8	1939.718	276.38	130.425	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238077.7	1937.068	276.599	133.657	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238107.8	1914.692	275.354	137.835	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238137.7	1914.026	276.422	136.812	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238167.8	1918.238	275.997	136.102	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238197.8	1907.639	275.703	136.895	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238227.8	1902.464	274.631	136.23	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238257.8	1896.209	275.492	137.263	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238287.8	1902.201	275.075	135.21	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238317.8	1912.732	276.121	133.886	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238347.7	1924.547	275.482	133.671	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238377.8	1926.634	275.342	133.764	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238407.8	1928.446	276.263	134.797	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238437.8	1935.289	275.623	135.049	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238467.8	1929.773	276.177	137.782	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238497.8	1922.052	275.817	138.581	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238527.8	1918.752	275.601	138.038	ON
130122_180611	102	ON-LINE	32.9	135200	1724	238557.7	1920.254	275.637	136.19	ON
130122_180611	102	OFF	32.9	135200	1724	238573.6	1927.317	274.914	134.719	ON
130122_180611	102	Yellow Warning	32.9	135200	1724	238573.6	1928.179	274.818	134.606	ON
130122_180611	102	Yellow Warning	32.9	135200	1724	238573.6	1928.179	274.818	134.606	ON
130122_180611	102	Cleared	32.9	135200	1724	238573.6	1928.393	274.801	134.387	ON
130122_180611	102	Cleared	32.9	135200	1724	238573.6	1928.393	274.801	134.387	ON

		OFF-LINE	32.9	135200	1724	238602.8	1928.268	303.171	127.131	ON
		OFF-LINE	32.9	135200	1724	238632.8	1952.835	268.339	121.381	ON
		OFF-LINE	32.9	135200	1724	238662.8	1933.481	170.906	154.271	ON
		OFF-LINE	32.9	135200	1724	238692.7	1939.503	58.426	133.742	ON
		OFF-LINE	32.9	135200	1724	238722.8	1916.608	81.11	147.112	ON
130122_181834	103	ON	32.9	135200	1724	238731.1	1928.861	79.398	142.821	ON
130122_181834	103	ON-LINE	32.9	135200	1724	238760.7	1940.08	80.775	141.407	ON
130122_181834	103	ON-LINE	32.9	135200	1724	238790.8	1941.541	82.887	142.703	ON
130122_181834	103	ON-LINE	32.9	135200	1724	238820.7	1939.16	81.015	142.743	ON
130122_181834	103	ON-LINE	32.9	135200	1724	238850.8	1943.128	79.837	140.893	ON
130122_181834	103	ON-LINE	32.9	135200	1724	238880.8	1933.531	80.556	141.961	ON
130122_181834	103	ON-LINE	32.9	135200	1724	238910.8	1930.793	80.821	140.722	ON
130122_181834	103	ON-LINE	32.9	135200	1724	238940.8	1926.38	80.615	140.057	ON
130122_181834	103	ON-LINE	32.9	135200	1724	238970.7	1927.702	80.405	138.733	ON
130122_181834	103	ON-LINE	32.9	135200	1724	239000.8	1924.999	78.975	137.077	ON
130122_181834	103	ON-LINE	32.9	135200	1724	239030.7	1931.751	79.941	134.802	ON
130122_181834	103	ON-LINE	32.9	135200	1724	239060.8	1933.988	80.014	137.361	ON
130122_181834	103	ON-LINE	32.9	135200	1724	239090.7	1941.798	80.89	140.079	ON
130122_181834	103	ON-LINE	32.9	135200	1724	239120.8	1936.731	80.339	142.485	ON
130122_181834	103	ON-LINE	32.9	135200	1724	239150.8	1945.931	81.394	142.991	ON
130122_181834	103	ON-LINE	32.9	135200	1724	239180.8	1950.128	80.976	142.619	ON
130122_181834	103	ON-LINE	32.9	135200	1724	239210.8	1933.408	82.083	144.584	ON
130122_181834	103	ON-LINE	32.9	135200	1724	239240.7	1928.434	79.453	143.522	ON
130122_181834	103	ON-LINE	32.9	135200	1724	239270.8	1929.23	79.854	140.191	ON
130122_181834	103	OFF	32.9	135200	1724	239292.7	1923.791	78.923	139.75	ON
130122_181834	103	Yellow Warning	32.9	135200	1724	239292.7	1922.57	79.519	139.515	ON
130122_181834	103	Yellow Warning	32.9	135200	1724	239292.7	1922.57	79.519	139.515	ON
130122_181834	103	Cleared	32.9	135200	1724	239292.7	1922.646	78.145	138.885	ON

130122_181834	103	Cleared	32.9	135200	1724	239292.7	1922.646	78.145	138.885	ON
		OFF-LINE	32.9	135200	1724	239322.8	1929.047	41.902	125.105	ON
		OFF-LINE	32.9	135200	1724	239352.8	1911.744	84.181	150.431	ON
		OFF-LINE	32.9	135200	1724	239382.7	1900.163	198.471	155.538	ON
		OFF-LINE	32.9	135200	1724	239412.8	1899.979	289.629	120.297	ON
		OFF-LINE	32.9	135200	1724	239442.7	1924.072	275.948	125.35	ON
130122_183048	104	ON	32.9	135200	1724	239465.6	1932.346	275.001	127.152	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239494.8	1932.196	277.131	128.814	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239524.7	1930.761	276.429	129.258	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239554.8	1927.717	275.867	131.455	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239584.7	1919.067	276.267	132.057	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239614.8	1917.874	274.383	131.959	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239644.7	1934.252	275.69	129.38	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239674.8	1925.328	276.69	131.862	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239704.8	1928.169	275.133	131.995	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239734.7	1932.699	275.198	132.13	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239764.8	1925.083	276.304	132.284	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239794.7	1914.134	276.104	133.659	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239824.8	1928.587	275.627	131.221	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239854.7	1933.88	275.858	130.097	ON
130122_183048	104	Yellow Warning	32.9	135200	1724	239854.7	1929.217	276.833	130.653	ON
130122_183048	104	Cleared	32.9	135200	1724	239854.7	1929.3	277.009	130.594	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239884.8	1930.734	276.963	130.017	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239914.7	1934.9	274.958	131.099	ON
130122_183048	104	Yellow Warning	32.9	135200	1724	239914.7	1926.703	275.91	133.15	ON
130122_183048	104	Cleared	32.9	135200	1724	239914.7	1925.344	276.08	133.389	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239944.7	1918.891	275.48	134.359	ON
130122_183048	104	ON-LINE	32.9	135200	1724	239974.8	1931.234	275.599	130.36	ON

130122_183048	104	ON-LINE	32.9	135200	1724	240004.7	1925.775	274.853	131.982	ON
130122_183048	104	ON-LINE	32.9	135200	1724	240034.8	1932.952	274.141	131.278	ON
130122_183048	104	ON-LINE	32.9	135200	1724	240064.7	1928.419	274.34	131.203	ON
130122_183048	104	OFF	32.9	135200	1724	240068.7	1929.001	275.535	130.81	ON
130122_183048	104	Yellow Warning	32.9	135200	1724	240068.7	1927.842	275.531	130.69	ON
130122_183048	104	Yellow Warning	32.9	135200	1724	240068.7	1927.842	275.531	130.69	ON
130122_183048	104	Cleared	32.9	135200	1724	240068.7	1927.342	276.564	130.303	ON
130122_183048	104	Cleared	32.9	135200	1724	240068.7	1927.342	276.564	130.303	ON
		OFF-LINE	32.9	135200	1724	240097.8	1931.173	311.833	117.6	ON
		OFF-LINE	32.9	135200	1724	240127.7	1943.007	273.577	113.65	ON
		OFF-LINE	32.9	135200	1724	240157.8	1947.719	181.778	142.36	ON
		OFF-LINE	32.9	135200	1724	240187.7	1953.106	78.248	140.365	ON
		OFF-LINE	32.9	135200	1724	240217.7	1932.14	85.72	144.428	ON
		Yellow Warning	32.9	135200	1724	240217.7	1932.987	82.963	144.524	ON
		Cleared	32.9	135200	1724	240217.7	1933.952	81.063	144.083	ON
130122_184328	105	ON	32.9	135200	1724	240225.7	1937.441	78.737	142.664	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240254.7	1935.917	81.132	143.878	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240284.8	1942.053	81.112	142.524	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240314.8	1934.44	79.436	142.393	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240344.8	1929.015	80.514	141.546	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240374.8	1927.953	81.313	140.754	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240404.8	1925.783	81.037	140.19	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240434.8	1921.415	82.657	139.273	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240464.8	1931.63	81.884	138.21	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240494.8	1933.782	81.563	139.994	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240524.8	1937.797	81.29	139.167	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240554.8	1958.756	81.668	135.755	ON

130122_184328	105	ON-LINE	32.9	135200	1724	240584.8	1941.962	80.676	142.597	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240614.8	1939.321	80.021	140.387	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240644.8	1937.333	80.605	140.963	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240674.8	1939.236	79.932	139.292	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240704.7	1936.789	78.493	139.586	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240734.8	1942.912	80.215	141.38	ON
130122_184328	105	ON-LINE	32.9	135200	1724	240764.8	1941.537	81.689	142.13	ON
130122_184328	105	OFF	32.9	135200	1724	240790.2	1943.767	80.939	140.586	ON
		Yellow Warning								
130122_184328	105	Warning	32.9	135200	1724	240790.2	1944.846	81.634	140.403	ON
		Yellow Warning								
130122_184328	105	Cleared	32.9	135200	1724	240790.2	1945.496	81.09	139.754	ON
130122_184328	105	Cleared	32.9	135200	1724	240790.2	1945.496	81.09	139.754	ON
		OFF-LINE	32.9	135200	1724	240819.8	1938.029	36.979	127.47	ON
		OFF-LINE	32.9	135200	1724	240849.7	1931.408	108.957	147.119	ON
		OFF-LINE	32.9	135200	1724	240879.8	1906.96	241.492	130.06	ON
		OFF-LINE	32.9	135200	1724	240909.7	1917.668	280.172	122.731	ON
		OFF-LINE	32.9	135200	1724	240939.8	1919.433	276.586	129.41	ON
130122_185523	106	ON	32.9	135200	1724	240940.8	1920.035	276.832	129.389	ON
130122_185523	106	ON-LINE	32.9	135200	1724	240969.7	1923.716	274.388	129.549	ON
130122_185523	106	ON-LINE	32.9	135200	1724	240999.8	1925.398	275.853	130.592	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241029.8	1921.783	275.225	132.388	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241059.8	1921.961	274.788	131.192	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241089.8	1925.652	274.771	131.531	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241119.7	1926.754	274.298	131.212	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241149.8	1923.503	274.303	132.046	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241179.7	1919.389	274.529	132.708	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241209.8	1923.821	274.278	131.472	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241239.7	1924.116	274.497	132.068	ON

130122_185523	106	ON-LINE	32.9	135200	1724	241269.8	1931.278	274.356	130.093	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241299.8	1926	274.501	133.58	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241329.8	1931.688	274.984	132.698	ON
		Yellow								
130122_185523	106	Warning	32.9	135200	1724	241329.8	1920.995	279.033	132.401	ON
130122_185523	106	Cleared	32.9	135200	1724	241329.8	1920.105	278.681	132.291	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241359.8	1920.335	273.791	132.011	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241389.7	1930.941	274.374	132.79	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241419.8	1928.245	273.804	131.148	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241449.7	1939.296	273.601	129.415	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241479.8	1938.294	274.302	131.893	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241509.7	1943.34	273.66	133.231	ON
130122_185523	106	ON-LINE	32.9	135200	1724	241539.8	1930.084	274.08	134.096	ON
130122_185523	106	OFF	32.9	135200	1724	241542.8	1928.418	273.711	134.073	ON
		Yellow								
130122_185523	106	Warning	32.9	135200	1724	241542.8	1925.4	273.447	134.469	ON
		Yellow								
130122_185523	106	Warning	32.9	135200	1724	241542.8	1925.4	273.447	134.469	ON
130122_185523	106	Cleared	32.9	135200	1724	241542.8	1924.195	272.913	134.568	ON
130122_185523	106	Cleared	32.9	135200	1724	241542.8	1924.195	272.913	134.568	ON
		Yellow								
130122_185523	106	Warning	32.9	135200	1724	241542.8	1924.195	272.913	134.568	ON
		Yellow								
130122_185523	106	Warning	32.9	135200	1724	241542.8	1924.195	272.913	134.568	ON
130122_185523	106	Cleared	32.9	135200	1724	241542.8	1922.845	273.332	134.509	ON
130122_185523	106	Cleared	32.9	135200	1724	241542.8	1922.845	273.332	134.509	ON
		OFF-LINE	32.9	135200	1724	241571.8	1941.433	302.328	122.417	ON
		OFF-LINE	32.9	135200	1724	241601.7	1946.185	270.782	119.482	ON
		OFF-LINE	32.9	135200	1724	241631.8	1943.348	169.889	145.201	ON
		OFF-LINE	32.9	135200	1724	241661.7	1955.346	71.432	132.198	ON

		OFF-LINE	32.9	135200	1724	241691.8	1949.004	81.675	140.828	ON
130122_190802	107	ON	32.9	135200	1724	241699.1	1942.477	83.87	142.449	ON
130122_190802	107	ON-LINE	32.9	135200	1724	241728.7	1946.538	81.537	142.792	ON
130122_190802	107	ON-LINE	32.9	135200	1724	241758.8	1950.2	81.761	142.339	ON
130122_190802	107	ON-LINE	32.9	135200	1724	241788.7	1943.77	80.983	142.205	ON
130122_190802	107	ON-LINE	32.9	135200	1724	241818.8	1939.605	81.554	141.261	ON
130122_190802	107	Yellow Warning	32.9	135200	1724	241818.8	1936.074	80.202	140.507	ON
130122_190802	107	Yellow Warning	32.9	135200	1724	241818.8	1935.647	80.125	140.328	ON
130122_190802	107	Cleared	32.9	135200	1724	241818.8	1937.595	81.909	139	ON
130122_190802	107	Cleared	32.9	135200	1724	241818.8	1938.064	82.313	138.889	ON
130122_190802	107	ON-LINE	32.9	135200	1724	241848.8	1941.719	83.119	138.75	ON
130122_190802	107	ON-LINE	32.9	135200	1724	241878.7	1946.905	81.234	141.806	ON
130122_190802	107	Yellow Warning	32.9	135200	1724	241878.7	1945.084	80.961	141.246	ON
130122_190802	107	Cleared	32.9	135200	1724	241878.7	1944.739	81.066	141.133	ON
130122_190802	107	ON-LINE	32.9	135200	1724	241908.8	1938.954	80.843	140.046	ON
130122_190802	107	ON-LINE	32.9	135200	1724	241938.7	1948.527	82.838	140.745	ON
130122_190802	107	ON-LINE	32.9	135200	1724	241968.8	1942.756	81.197	140.442	ON
130122_190802	107	ON-LINE	32.9	135200	1724	241998.7	1954.225	80.319	138.805	ON
130122_190802	107	ON-LINE	32.9	135200	1724	242028.8	1953.74	83.308	140.095	ON
130122_190802	107	ON-LINE	32.9	135200	1724	242058.7	1952.946	82.372	143.113	ON
130122_190802	107	ON-LINE	32.9	135200	1724	242088.7	1939.443	80.349	143.299	ON
130122_190802	107	ON-LINE	32.9	135200	1724	242118.8	1944.894	82.962	140.978	ON
130122_190802	107	ON-LINE	32.9	135200	1724	242148.7	1943.532	80.669	141.14	ON
130122_190802	107	ON-LINE	32.9	135200	1724	242178.8	1938.126	80.633	141.812	ON
130122_190802	107	ON-LINE	32.9	135200	1724	242208.7	1953.352	80.091	139.968	ON
130122_190802	107	Yellow Warning	32.9	135200	1724	242208.7	1949.513	80.594	142.851	ON

130122_190802	107	Cleared	32.9	135200	1724	242208.7	1949.381	80.699	142.832	ON
130122_190802	107	ON-LINE	32.9	135200	1724	242238.8	1947.1	81.379	143.398	ON
130122_190802	107	Yellow Warning	32.9	135200	1724	242238.8	1943.868	81.842	142.86	ON
130122_190802	107	Cleared	32.9	135200	1724	242238.8	1943.841	81.852	142.749	ON
130122_190802	107	Yellow Warning	32.9	135200	1724	242238.8	1943.983	81.619	142.461	ON
130122_190802	107	ON-LINE	32.9	135200	1724	242268.7	1943.993	81.691	142.428	ON
130122_190802	107	Cleared	32.9	135200	1724	242268.7	1943.986	81.749	142.417	ON
130122_190802	107	Yellow Warning	32.9	135200	1724	242268.7	1943.986	81.749	142.417	ON
130122_190802	107	Cleared	32.9	135200	1724	242268.7	1944.005	81.712	142.359	ON
130122_190802	107	ON-LINE	32.9	135200	1724	242298.7	1945.485	80.398	142.182	ON
130122_190802	107	ON-LINE	32.9	135200	1724	242328.8	1931.586	81.314	142.843	ON
130122_190802	107	OFF	32.9	135200	1724	242331.5	1931.178	81.249	142.798	ON
130122_190802	107	Yellow Warning	32.9	135200	1724	242331.5	1929.248	81.393	143.182	ON
130122_190802	107	Yellow Warning	32.9	135200	1724	242331.5	1929.248	81.393	143.182	ON
130122_190802	107	Cleared	32.9	135200	1724	242331.5	1928.67	81.676	142.922	ON
130122_190802	107	Cleared	32.9	135200	1724	242331.5	1928.67	81.676	142.922	ON
		OFF-LINE	32.9	135200	1724	242360.7	1926.02	31.662	125.672	ON
		OFF-LINE	32.9	135200	1724	242390.8	1932.576	123.167	140.614	ON
		OFF-LINE	32.9	135200	1724	242420.7	1934.282	239.322	131.088	ON
		OFF-LINE	32.9	135200	1724	242450.8	1938.473	271.933	127.878	ON
130122_192100	108	ON	32.9	135200	1724	242477.2	1933.895	274.964	131.198	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242506.7	1935.643	275.169	131.892	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242536.7	1933.304	274.225	134.862	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242566.7	1925.904	273.167	136.16	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242596.8	1929.508	272.256	138.408	ON

130122_192100	108	ON-LINE	32.9	135200	1724	242626.7	1931.221	274.237	139.303	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242656.8	1919.179	273.78	140.488	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242686.7	1922.359	273.675	138.515	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242716.7	1922.938	273.924	138.019	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242746.7	1930.593	274.248	136.224	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242776.7	1921.979	273.184	137.836	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242806.8	1929.003	274.139	134.915	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242836.7	1946.474	274.037	132.378	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242866.8	1938.255	272.781	135.555	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242896.7	1944.86	273.163	135.375	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242926.7	1946.965	274.065	136.983	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242956.7	1944.916	273.333	137.826	ON
130122_192100	108	ON-LINE	32.9	135200	1724	242986.7	1943.437	273.621	139.666	ON
		Yellow Warning								
130122_192100	108	Warning	32.9	135200	1724	242986.7	1943.46	274.162	139.872	ON
130122_192100	108	Cleared	32.9	135200	1724	242986.7	1943.47	273.857	139.921	ON
		Yellow Warning								
130122_192100	108	Warning	32.9	135200	1724	242986.7	1943.47	273.857	139.921	ON
130122_192100	108	Cleared	32.9	135200	1724	242986.7	1943.778	273.88	139.936	ON
130122_192100	108	ON-LINE	32.9	135200	1724	243016.8	1938.129	273.929	140.432	ON
130122_192100	108	ON-LINE	32.9	135200	1724	243046.7	1925.027	274.35	140.529	ON
130122_192100	108	ON-LINE	32.9	135200	1724	243076.8	1942.552	275.412	136.813	ON
130122_192100	108	ON-LINE	32.9	135200	1724	243106.7	1932.325	274.917	137.141	ON
130122_192100	108	OFF	32.9	135200	1724	243130.6	1927.518	273.343	138.481	ON
		Yellow Warning								
130122_192100	108	Warning	32.9	135200	1724	243130.6	1927.743	272.873	138.462	ON
		Yellow Warning								
130122_192100	108	Warning	32.9	135200	1724	243130.6	1927.743	272.873	138.462	ON
130122_192100	108	Cleared	32.9	135200	1724	243130.6	1927.829	273.602	138.146	ON
130122_192100	108	Cleared	32.9	135200	1724	243130.6	1927.829	273.602	138.146	ON

		OFF-LINE	32.9	135200	1724	243159.7	1938.318	296.93	132.117	ON
		OFF-LINE	32.9	135200	1724	243189.7	1956.004	277.45	127.968	ON
		OFF-LINE	32.9	135200	1724	243219.8	1963.072	165.273	148.906	ON
		OFF-LINE	32.9	135200	1724	243249.7	1956.784	78.721	137.612	ON
		OFF-LINE	32.9	135200	1724	243279.7	1956.257	80.335	144.049	ON
130122_193432	109	ON	32.9	135200	1724	243289.6	1959.661	82.37	143.283	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243318.8	1955.234	81.504	145.116	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243348.8	1951.695	82.001	144.325	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243378.8	1951.427	83.899	143.448	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243408.8	1923.922	82.393	140.014	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243438.7	1917.726	83.679	144.066	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243468.8	1921.8	83.573	142.419	ON
		Yellow Warning	32.9	135200	1724	243468.8	1920.73	81.862	140.803	ON
130122_193432	109	Cleared	32.9	135200	1724	243468.8	1920.198	81.585	140.84	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243498.7	1917.991	81.688	141.237	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243528.8	1927.449	81.218	142.881	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243558.8	1925.917	81.062	141.897	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243588.8	1921.013	82.21	142.843	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243618.8	1929.359	80.954	141.75	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243648.7	1932.731	81.001	143.34	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243678.8	1936.396	83.347	143.381	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243708.7	1934.73	82.93	145.258	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243738.8	1938.933	81.96	144.711	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243768.7	1942.872	82.753	144.675	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243798.8	1938.818	82.202	146.673	ON
		Yellow Warning	32.9	135200	1724	243798.8	1941.052	83.592	146.438	ON
130122_193432	109	Cleared	32.9	135200	1724	243798.8	1941.577	82.556	146.345	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243828.8	1954.542	83.334	144.326	ON

130122_193432	109	ON-LINE	32.9	135200	1724	243858.7	1925.494	82.2	142.789	ON
130122_193432	109	ON-LINE	32.9	135200	1724	243888.8	1921.196	81.908	143.675	ON
130122_193432	109	OFF	32.9	135200	1724	243914.3	1923.217	82.259	140.541	ON
130122_193432	109	Yellow Warning	32.9	135200	1724	243914.3	1924.22	83.215	140.441	ON
130122_193432	109	Yellow Warning	32.9	135200	1724	243914.3	1924.22	83.215	140.441	ON
130122_193432	109	Cleared	32.9	135200	1724	243914.3	1925.486	84.457	140.448	ON
130122_193432	109	Cleared	32.9	135200	1724	243914.3	1925.486	84.457	140.448	ON
		OFF-LINE	30.5	82700	1724	243943.8	1919.069	139.857	156.437	ON
		OFF-LINE	32.9	135200	1724	243973.7	1877.94	208.439	153.155	ON
		OFF-LINE	32.9	135200	1724	244003.8	1859.007	261.903	136.22	ON
		OFF-LINE	32.9	135200	1724	244033.7	1864.004	268.589	135.09	ON
		OFF-LINE	32.9	135200	1724	244063.7	1889.121	271.889	127.65	ON
		OFF-LINE	32.9	135200	1724	244093.8	1920.66	274.343	127.801	ON
		OFF-LINE	32.9	135200	1724	244123.7	1924.377	274.742	131.746	ON
		OFF-LINE	30.5	82700	1724	244153.8	1947.652	291.59	128.422	ON
		OFF-LINE	30.5	82700	1724	244183.7	1974.979	308.823	125.068	ON
		OFF-LINE	30.5	82700	1724	244213.8	1940.629	357.726	142.41	ON
		OFF-LINE	30.5	82700	1724	244243.7	1942.523	349.284	137.428	ON
130122_195031	UL004	ON	30.5	82700	1724	244247.9	1941.171	350.071	137.665	ON
130122_195031	UL004	Yellow Warning	30.5	82700	1724	244247.9	1938.048	350.062	138.023	ON
130122_195031	UL004	Yellow Warning	30.5	82700	1724	244247.9	1938.048	350.062	138.023	ON
130122_195031	UL004	Yellow Warning	30.5	82700	1724	244247.9	1938.048	350.062	138.023	ON
130122_195031	UL004	Red Err	30.5	82700	1724	244247.9	1937.282	350.205	138.061	ON
130122_195031	UL004	Cleared	30.5	82700	1724	244247.9	1936.32	350.335	138.13	ON
130122_195031	UL004	Cleared	30.5	82700	1724	244247.9	1936.161	350.364	138.133	ON

130122_195031	UL004	Cleared	30.5	82700	1724	244247.9	1936.161	350.364	138.133	ON
130122_195031	UL004	Cleared	30.5	82700	1724	244247.9	1936.161	350.364	138.133	ON
130122_195031	UL004	Yellow Warning	30.5	82700	1724	244247.9	1936.161	350.364	138.133	ON
130122_195031	UL004	Yellow Warning	30.5	82700	1724	244247.9	1936.161	350.364	138.133	ON
130122_195031	UL004	Cleared	30.5	82700	1724	244247.9	1935.923	350.38	138.092	ON
130122_195031	UL004	Cleared	30.5	82700	1724	244247.9	1935.923	350.38	138.092	ON
130122_195031	UL004	OFF	30.5	82700	1724	244265.4	1935.46	351.072	138.882	ON
130122_195100	UL005	ON	30.5	82700	1724	244276.9	1936.51	352.865	139.355	ON
130122_195100	UL005	Yellow Warning	30.5	82700	1724	244276.9	1935.107	352.007	139.333	ON
130122_195100	UL005	Yellow Warning	30.5	82700	1724	244276.9	1935.107	352.007	139.333	ON
130122_195100	UL005	Yellow Warning	30.5	82700	1724	244276.9	1935.107	352.007	139.333	ON
130122_195100	UL005	Red Err	30.5	82700	1724	244276.9	1934.959	351.663	139.219	ON
130122_195100	UL005	Cleared	30.5	82700	1724	244276.9	1934.715	351.463	139.11	ON
130122_195100	UL005	Cleared	30.5	82700	1724	244276.9	1934.333	351.27	139.091	ON
130122_195100	UL005	Cleared	30.5	82700	1724	244276.9	1934.333	351.27	139.091	ON
130122_195100	UL005	Cleared	30.5	82700	1724	244276.9	1934.333	351.27	139.091	ON
130122_195100	UL005	Yellow Warning	30.5	82700	1724	244276.9	1934.333	351.27	139.091	ON
130122_195100	UL005	Yellow Warning	30.5	82700	1724	244276.9	1934.333	351.27	139.091	ON
130122_195100	UL005	Cleared	30.5	82700	1724	244276.9	1933.915	351	139.1	ON
130122_195100	UL005	Cleared	30.5	82700	1724	244276.9	1933.915	351	139.1	ON
130122_195100	UL005	ON-LINE	30.5	82700	1724	244306.7	1924.524	349.34	141.298	ON
130122_195100	UL005	OFF	30.5	82700	1724	244307	1924.161	349.308	141.379	ON
130122_195142	UL006	ON	30.5	82700	1724	244319.1	1890.479	351.063	144.709	ON
130122_195142	UL006	Yellow	30.5	82700	1724	244319.1	1866.87	351.667	145.059	ON

		Warning								
130122_195142	UL006	Yellow Warning	30.5	82700	1724	244319.1	1866.87	351.667	145.059	ON
130122_195142	UL006	OFF	30.5	82700	1724	244326.6	1853.405	352.357	145.175	ON
130122_195142	UL006	Cleared	30.5	82700	1724	244326.6	1832.891	353.565	144.954	ON
130122_195142	UL006	Cleared	30.5	82700	1724	244326.6	1832.891	353.565	144.954	ON
		Yellow Warning	30.5	82700	1724	244326.6	1832.891	353.565	144.954	ON
130122_195142	UL006	Yellow Warning	30.5	82700	1724	244326.6	1832.891	353.565	144.954	ON
130122_195142	UL006	Cleared	30.5	82700	1724	244326.6	1828.26	353.702	144.834	ON
130122_195142	UL006	Cleared	30.5	82700	1724	244326.6	1828.26	353.702	144.834	ON
		OFF-LINE	30.5	82700	1724	244355.8	1735.476	353.85	143.688	ON
		OFF-LINE	32.9	135200	1724	244385.7	1611.518	354.395	142.125	ON
		OFF-LINE	30.5	82700	1724	244415.8	1610.116	349.637	138.012	ON
		OFF-LINE	30.5	82700	1724	244445.7	1614.427	30.234	142.756	ON
		OFF-LINE	30.5	82700	1724	244475.7	1626.278	333.554	125.64	ON
		OFF-LINE	30.5	82700	1724	244505.8	1652.175	250.817	120.256	ON
		OFF-LINE	30.5	82700	1724	244535.7	1642.526	183.539	138.567	ON
		OFF-LINE	30.5	82700	1724	244565.8	1617.522	180.056	139.775	ON
		OFF-LINE	30.5	82700	1724	244595.7	1608.774	183.128	133.241	ON
130122_195642	UL007	ON	30.5	82700	1724	244619	1607.907	183.212	137.431	ON
130122_195642	UL007	ON-LINE	30.5	82700	1724	244648.7	1617.477	187.86	140.509	ON
130122_195642	UL007	ON-LINE	30.5	82700	1724	244678.7	1616.112	184.947	143.381	ON
130122_195642	UL007	ON-LINE	30.5	82700	1724	244708.8	1604.107	185.772	142.955	ON
130122_195642	UL007	ON-LINE	30.5	82700	1724	244738.7	1612.168	186.382	141.559	ON
130122_195642	UL007	ON-LINE	30.5	82700	1724	244768.8	1618.251	186.149	142.015	ON
130122_195642	UL007	ON-LINE	30.5	82700	1724	244798.7	1618.246	188.092	143.086	ON
130122_195642	UL007	OFF	30.5	82700	1724	244803.1	1618.663	188.299	142.855	ON
130122_195642	UL007	Yellow	30.5	82700	1724	244803.1	1619.325	189.313	142.374	ON

		Warning								
130122_195642	UL007	Cleared	30.5	82700	1724	244803.1	1619.113	189.676	142.297	ON
130122_195642	UL007	Yellow Warning	30.5	82700	1724	244803.1	1619.113	189.676	142.297	ON
130122_195642	UL007	Yellow Warning	30.5	82700	1724	244803.1	1619.113	189.676	142.297	ON
130122_195642	UL007	Cleared	30.5	82700	1724	244803.1	1618.758	189.873	142.283	ON
130122_195642	UL007	Cleared	30.5	82700	1724	244803.1	1618.758	189.873	142.283	ON
		OFF-LINE	30.5	82700	1724	244832.8	1578.536	206.873	151.516	ON
		OFF-LINE	30.5	82700	1724	244862.7	1609.442	220.224	147.864	ON
		OFF-LINE	30.5	82700	1724	244892.8	1600.48	233.276	145.711	ON
		OFF-LINE	30.5	82700	1724	244922.7	1590.79	263.408	139.558	ON
		OFF-LINE	30.5	82700	1724	244952.7	1590.904	273.25	141.287	ON
		OFF-LINE	30.5	82700	1724	244982.7	1576.234	271.892	144.093	ON
		OFF-LINE	30.5	82700	1724	245012.7	1582.981	278.594	140.858	ON
		OFF-LINE	30.5	82700	1724	245042.8	1580.535	278.441	143.413	ON
		OFF-LINE	30.5	82700	1724	245072.7	1611.466	293.676	138.481	ON
		OFF-LINE	30.5	82700	1724	245102.8	1616.132	291.113	141.121	ON
		OFF-LINE	30.5	82700	1724	245132.7	1603.515	297.792	141.889	ON
		OFF-LINE	30.5	82700	1724	245162.7	1615.885	304.878	139.641	ON
		OFF-LINE	30.5	82700	1724	245192.7	1614.57	311.869	138.526	ON
		OFF-LINE	30.5	82700	1724	245222.7	1603.087	327.073	141.319	ON
		OFF-LINE	30.5	82700	1724	245252.7	1620.698	350.123	141.428	ON
130122_200725	UL008	ON	30.5	82700	1724	245261.9	1612.827	350.097	142.751	ON
130122_200725	UL008	ON-LINE	30.5	82700	1724	245291.7	1606.711	353.111	142.588	ON
130122_200725	UL008	Yellow Warning	30.5	82700	1724	245291.7	1609.774	353.499	142.597	ON
130122_200725	UL008	Cleared	32.9	135200	1724	245291.7	1610.882	353.615	142.584	ON
130122_200725	UL008	Yellow Warning	32.9	135200	1724	245291.7	1610.882	353.615	142.584	ON

130122_200725	UL008	Cleared	32.9	135200	1724	245291.7	1611.814	353.691	142.533	ON
130122_200725	UL008	ON-LINE	32.9	135200	1724	245321.7	1622.16	352.793	141.301	ON
130122_200725	UL008	ON-LINE	32.9	135200	1724	245351.7	1626.206	350.717	142.098	ON
130122_200725	UL008	ON-LINE	32.9	135200	1724	245381.8	1627.138	353.02	143.756	ON
130122_200725	UL008	ON-LINE	32.9	135200	1724	245411.7	1614.923	349.475	144.046	ON
130122_200725	UL008	OFF	32.9	135200	1724	245423.5	1622.527	348.461	142.572	ON
130122_200725	UL008	Yellow Warning	32.9	135200	1724	245423.5	1624.658	348.672	142.152	ON
130122_200725	UL008	Yellow Warning	32.9	135200	1724	245423.5	1624.658	348.672	142.152	ON
130122_200725	UL008	Cleared	32.9	135200	1724	245423.5	1626.164	348.966	141.764	ON
130122_200725	UL008	Cleared	32.9	135200	1724	245423.5	1626.164	348.966	141.764	ON
		OFF-LINE	32.9	135200	1724	245452.7	1575.375	293.415	143.827	ON
		OFF-LINE	32.9	135200	1724	245482.7	1424.771	225.831	163.251	ON
		OFF-LINE	32.9	135200	1724	245512.7	1269.901	152.788	181.951	ON
		OFF-LINE	32.9	135200	1724	245542.7	1159.848	169.64	173.3	ON
		OFF-LINE	32.9	135200	1724	245572.7	1010.291	173.079	177.443	ON
		OFF-LINE	32.9	135200	1724	245602.7	914.415	163.396	170.287	ON
		OFF-LINE	32.9	135200	1724	245632.7	804.164	162.497	169.544	ON
		OFF-LINE	32.9	135200	1724	245662.7	716.251	167.662	167.476	ON
		OFF-LINE	32.9	135200	1724	245692.7	581.046	166.865	166.307	ON
		OFF-LINE	32.9	135200	1724	245722.7	468.566	165.532	158.235	ON
		OFF-LINE	32.9	135200	1724	245752.7	380.313	167.521	146.236	ON
		OFF-LINE	32.9	135200	1724	245782.7	244.838	172.409	147.983	ON
		OFF-LINE	32.9	135200	1724	245812.7	197.152	175.765	134.386	ON
		OFF-LINE	32.9	135200	1724	245842.7	172.266	128.125	106.698	ON
		OFF-LINE	32.9	135200	1724	245872.7	118.328	353.391	89.386	ON
		OFF-LINE	32.9	135200	1724	245902.7	17.112	300.401	77.015	ON
		OFF-LINE	32.9	135200	1724	245932.7	-2.624	301.238	21.46	ON
		OFF-LINE	32.9	135200	1724	245962.7	-2.42	116.48	12.986	ON

		OFF-LINE	32.9	135200	1724	245992.7	-1.444	116.609	7.844	ON
		OFF-LINE	32.9	135200	1724	246022.7	-0.6	119.686	12.207	ON
		OFF-LINE	32.9	135200	1724	246052.7	-1.761	358.996	20.542	ON
		OFF-LINE	32.9	135200	1724	246082.7	-3.777	36.152	13.609	ON
		OFF-LINE	32.9	135200	1724	246112.7	-4.449	271.968	0.189	ON
		OFF-LINE	32.9	135200	1724	246142.7	-4.074	271.834	0.054	ON
		OFF-LINE	32.9	135200	1724	246172.7	-4.028	271.832	0.078	ON
		OFF-LINE	32.9	135200	1724	246202.6	-4.016	271.831	0.056	ON
		OFF-LINE	32.9	135200	1724	246232.7	-3.997	271.79	0.057	ON
		OFF-LINE	32.9	135200	1724	246262.7	-3.842	272.132	0.047	ON
		OFF-LINE	32.9	135200	1724	246292.7	-3.85	272.039	0.049	ON
		OFF-LINE	32.9	135200	1724	246322.7	-3.804	272.072	0.029	ON
		OFF-LINE	32.9	135200	1724	246352.7	-3.787	272.014	0.048	ON
		OFF-LINE	32.9	135200	1724	246382.8	-3.694	272.037	0.056	ON
		OFF-LINE	32.9	135200	1724	246412.7	-3.604	272.015	0.028	ON
		OFF-LINE	32.9	135200	1724	246442.7	-3.555	272.045	0.05	ON
		OFF-LINE	32.9	135200	1724	246472.7	-3.48	271.939	0.043	ON
		OFF-LINE	32.9	135200	1724	246502.7	-3.404	271.961	0.045	ON
		OFF-LINE	32.9	135200	1724	246532.8	-3.327	271.967	0.034	ON
		OFF-LINE	32.9	135200	1724	246562.7	-3.256	272.091	0.054	ON
130122_200725	LASETEST	OFF	32.9	135200	1724	246586.4	-3.206	272.168	0.05	ON

JD13022_2

LINE ID	LINE NUMBER	ON/OFF	SET SCAN	PULSERATE	WEEK NUM	SECONDS OF WEEK	ALT	HEADING	SPEED(knots)	ROLL COMP
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			RATE								
		OFF-LINE	1	100000	1724	250806	-4.954	283.132	0.029	ON	
		OFF-LINE	1	100000	1724	250836.1	-4.777	283.111	0.015	ON	
		OFF-LINE	1	100000	1724	250866	-4.622	283.063	0.045	ON	
130122_214111	BITTEST	OFF	1	100000	1724	250888.4	-4.557	283.072	0.013	ON	
130122_214111	BITTEST	ON	10	50000	1724	250888.6	-4.558	283.107	0.011	ON	
130122_214111	BITTEST	OFF	10	50000	1724	250892.4	-4.545	283.064	0.018	ON	
130122_214131	LASETEST	ON	10	50000	1724	250908.8	-4.5	283.044	0.036	ON	
130122_214131	LASETEST	OFF	10	50000	1724	250912.3	-4.486	283.075	0.016	ON	
		OFF-LINE	32.9	135200	1724	250942	-4.417	283.089	0.01	ON	
		OFF-LINE	32.9	135200	1724	250972.1	-4.375	283.074	0.018	ON	
		OFF-LINE	30.5	82700	1724	251002	-4.383	282.957	0.011	ON	
		OFF-LINE	30.5	82700	1724	251032.1	-4.886	238.862	0.421	ON	
		OFF-LINE	30.5	82700	1724	251062.1	-4.94	238.487	0.023	ON	
		OFF-LINE	30.5	82700	1724	251092.1	-5.003	238.54	0.025	ON	
		OFF-LINE	30.5	82700	1724	251122.1	-5.004	238.63	0.024	ON	
		OFF-LINE	30.5	82700	1724	251152.1	-5.038	238.713	0.02	ON	
		OFF-LINE	30.5	82700	1724	251182.1	-5.036	238.608	0.039	ON	
		OFF-LINE	30.5	82700	1724	251212	-4.985	238.573	0.018	ON	
		OFF-LINE	30.5	82700	1724	251242.1	-4.966	238.488	0.018	ON	
		OFF-LINE	30.5	82700	1724	251272.1	-5.027	238.383	0.005	ON	
		OFF-LINE	32.9	135200	1724	251302.1	-5.197	238.445	0.031	ON	
		OFF-LINE	32.9	135200	1724	251332.1	-5.355	238.283	0.012	ON	
		OFF-LINE	32.9	135200	1724	251362.1	-5.205	197.121	8.081	ON	
		OFF-LINE	32.9	135200	1724	251392.1	-5.086	179.358	10.282	ON	
		OFF-LINE	32.9	135200	1724	251422	-3.491	180.207	12.384	ON	
		OFF-LINE	32.9	135200	1724	251452.1	-2.148	280.185	9.885	ON	
		OFF-LINE	32.9	135200	1724	251482	5.623	300.766	78.939	ON	
		OFF-LINE	32.9	135200	1724	251512.1	117.871	253.679	87.503	ON	

		OFF-LINE	32.9	135200	1724	251542.1	246.483	144.768	89.027	ON
		OFF-LINE	32.9	135200	1724	251572.1	323.014	87.757	101.191	ON
		OFF-LINE	32.9	135200	1724	251602.1	433.337	75.572	109.306	ON
		OFF-LINE	32.9	135200	1724	251632	540.186	72.681	112.593	ON
		OFF-LINE	32.9	135200	1724	251662.1	630.526	50.938	112.697	ON
		OFF-LINE	32.9	135200	1724	251692	745.953	11.083	105.871	ON
		OFF-LINE	32.9	135200	1724	251722.1	844.804	355.869	105.119	ON
		OFF-LINE	32.9	135200	1724	251752	940.175	327.622	105.474	ON
		OFF-LINE	32.9	135200	1724	251782.1	1049.951	304.741	104.604	ON
		OFF-LINE	32.9	135200	1724	251812.1	1142.05	298.091	101.471	ON
		OFF-LINE	32.9	135200	1724	251842	1226.399	296.111	104.551	ON
		OFF-LINE	32.9	135200	1724	251872.1	1314.368	288.202	105.195	ON
		OFF-LINE	32.9	135200	1724	251902	1401.186	280.966	106.744	ON
		OFF-LINE	32.9	135200	1724	251932.1	1489.959	278.349	108.881	ON
		OFF-LINE	32.9	135200	1724	251962	1582.016	272.455	110.335	ON
		OFF-LINE	32.9	135200	1724	251992.1	1673.584	274.76	108.934	ON
		OFF-LINE	32.9	135200	1724	252022	1767.442	287.053	102.385	ON
		OFF-LINE	32.9	135200	1724	252052.1	1863.354	284.026	104.856	ON
		OFF-LINE	32.9	135200	1724	252082	1877.519	359.792	125.707	ON
		OFF-LINE	32.9	135200	1724	252112.1	1897.182	274.005	117.015	ON
		OFF-LINE	32.9	135200	1724	252142.1	1938.869	331.626	106.132	ON
		OFF-LINE	32.9	135200	1724	252172	1952.987	51.25	130.126	ON
		OFF-LINE	32.9	135200	1724	252202.1	1948.27	85.698	142.241	ON
130122_220320	110	ON	32.9	135200	1724	252217.3	1948.116	82.431	141.363	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252247.1	1955.276	83.678	141.207	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252277.1	1942.407	84.27	139.682	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252307	1928.537	82.631	137.914	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252337.1	1906.454	85.841	138.715	ON
130122_220320	110	Yellow	32.9	135200	1724	252337.1	1911.836	84.469	134.386	ON

		Warning								
130122_220320	110	Yellow Warning	32.9	135200	1724	252337.1	1913.97	84.357	134.216	ON
130122_220320	110	Cleared	32.9	135200	1724	252337.1	1914.447	83.994	134.216	ON
130122_220320	110	Cleared	32.9	135200	1724	252337.1	1915.526	83.418	134.035	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252367	1918.329	84.545	133.857	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252397.1	1929.431	82.123	136.37	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252427.1	1931.329	83.32	138.074	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252457.1	1933.567	82.435	138.254	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252487.1	1933.512	82.712	141.105	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252517	1924.681	82.379	138.072	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252547.1	1919.059	82.882	139.171	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252577	1925.07	84.493	140.625	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252607.1	1922.917	84.388	138.632	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252637	1911.07	83.689	140.973	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252667.1	1918.274	85.928	137.206	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252697.1	1924.887	83.865	135.784	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252727	1930.43	82.01	136.928	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252757.1	1938.423	83.922	138.238	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252787	1928.342	83.011	141.31	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252817.1	1928.084	84.079	139.777	ON
130122_220320	110	ON-LINE	32.9	135200	1724	252847	1934.462	83.784	139.046	ON
130122_220320	110	OFF	32.9	135200	1724	252863.7	1936.356	84.153	138.631	ON
130122_220320	110	Yellow Warning	32.9	135200	1724	252863.7	1937.031	83.812	138.44	ON
130122_220320	110	Cleared	32.9	135200	1724	252863.7	1937.253	83.571	138.18	ON
130122_220320	110	Yellow Warning	32.9	135200	1724	252863.7	1937.253	83.571	138.18	ON
130122_220320	110	Yellow Warning	32.9	135200	1724	252863.7	1937.253	83.571	138.18	ON

130122_220320	110	Cleared	32.9	135200	1724	252863.7	1937.483	82.856	137.654	ON
130122_220320	110	Cleared	32.9	135200	1724	252863.7	1937.483	82.856	137.654	ON
		OFF-LINE	32.9	135200	1724	252893.1	1924.484	46.986	132.42	ON
		OFF-LINE	32.9	135200	1724	252923	1929.814	127.189	142.284	ON
		OFF-LINE	32.9	135200	1724	252953.1	1910.192	256.408	118.682	ON
		OFF-LINE	32.9	135200	1724	252983	1921.32	272.318	115.816	ON
130122_221635	111	ON	32.9	135200	1724	253012.2	1901.311	275.881	121.167	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253042	1911.325	273.729	123.851	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253072.1	1927.46	273.912	126.113	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253102	1921.531	273.157	129.149	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253132.1	1917.776	272.994	130.827	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253162	1916.905	271.222	133.317	ON
		Yellow Warning								
130122_221635	111	Warning	32.9	135200	1724	253162	1914.13	272.62	135.453	ON
130122_221635	111	Cleared	32.9	135200	1724	253162	1914.488	272.548	135.438	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253192	1916.298	272.269	135.185	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253222.1	1922.808	271.565	132.577	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253252	1924.64	272.071	133.215	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253282.1	1912.714	272.698	133.704	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253312	1923.075	274.017	132.467	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253342	1921.177	271.416	135.068	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253372	1921.096	271.677	136.025	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253402	1922.761	271.218	135.006	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253432.1	1936.73	273.163	135.032	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253462	1931.426	272.285	136.698	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253492.1	1923.586	271.848	138.737	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253522	1920.034	270.458	137.698	ON
		Yellow Warning								
130122_221635	111	Warning	32.9	135200	1724	253522	1910.304	272.402	136.896	ON
130122_221635	111	Cleared	32.9	135200	1724	253522	1910.746	272.516	136.686	ON

130122_221635	111	Yellow Warning	32.9	135200	1724	253522	1911.45	272.778	136.49	ON
130122_221635	111	Cleared	32.9	135200	1724	253522	1913.325	272.774	136.093	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253552	1916.593	270.545	135.683	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253582.1	1924.09	272.398	135.57	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253612	1921.855	271.162	134.894	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253642.1	1917.582	270.052	137.398	ON
130122_221635	111	ON-LINE	32.9	135200	1724	253672	1927.277	273.069	135.143	ON
130122_221635	111	OFF	32.9	135200	1724	253682.9	1931.447	269.172	134.367	ON
130122_221635	111	Yellow Warning	32.9	135200	1724	253682.9	1929.783	270.263	134.933	ON
130122_221635	111	Yellow Warning	32.9	135200	1724	253682.9	1929.783	270.263	134.933	ON
130122_221635	111	Cleared	32.9	135200	1724	253682.9	1929.275	272.037	134.971	ON
130122_221635	111	Cleared	32.9	135200	1724	253682.9	1929.275	272.037	134.971	ON
		OFF-LINE	32.9	135200	1724	253712.1	1926.304	309.331	132.364	ON
		OFF-LINE	32.9	135200	1724	253742	1926.095	275.194	123.195	ON
		OFF-LINE	32.9	135200	1724	253772.1	1938.55	182.398	134.375	ON
		OFF-LINE	32.9	135200	1724	253802	1930.805	107.34	141.95	ON
		OFF-LINE	32.9	135200	1724	253832	1933.491	82.772	139.048	ON
130122_223028	112	ON	32.9	135200	1724	253845.3	1929.647	82.514	138.98	ON
130122_223028	112	ON-LINE	32.9	135200	1724	253875	1938.145	85.262	136.904	ON
130122_223028	112	ON-LINE	32.9	135200	1724	253905.1	1931.306	84.266	140.454	ON
130122_223028	112	ON-LINE	32.9	135200	1724	253935	1938.945	83.726	140.52	ON
130122_223028	112	ON-LINE	32.9	135200	1724	253965	1943.372	84.688	141.3	ON
130122_223028	112	Yellow Warning	32.9	135200	1724	253965	1940.911	84.476	142.228	ON
130122_223028	112	Cleared	32.9	135200	1724	253965	1940.064	85.052	142.323	ON
130122_223028	112	ON-LINE	32.9	135200	1724	253995	1937.996	84.812	142.179	ON
130122_223028	112	Yellow	32.9	135200	1724	253995	1927.571	83.365	141.602	ON

		Warning								
130122_223028	112	Cleared	32.9	135200	1724	253995	1927.489	83.361	141.565	ON
130122_223028	112	Yellow Warning	32.9	135200	1724	253995	1927.369	83.148	141.536	ON
130122_223028	112	Cleared	32.9	135200	1724	253995	1927.265	82.95	141.513	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254025	1926.393	83.306	141.723	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254055.1	1924.475	84.081	141.294	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254085.1	1924.166	85.239	139.27	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254115.1	1933.853	83.79	137.419	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254145.1	1921.42	82.303	141.054	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254175.1	1921.204	81.689	135.69	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254205	1926.541	83.71	138.938	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254235.1	1934.836	83.436	140.975	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254265	1933.032	84.206	140.821	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254295.1	1934.125	81.833	141.686	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254325.1	1933.316	83.784	142.317	ON
130122_223028	112	Yellow Warning	32.9	135200	1724	254325.1	1936.442	82.301	142.045	ON
130122_223028	112	Cleared	32.9	135200	1724	254325.1	1937.233	82.822	141.958	ON
130122_223028	112	Yellow Warning	32.9	135200	1724	254325.1	1940.426	82.923	141.603	ON
130122_223028	112	Cleared	32.9	135200	1724	254325.1	1940.679	82.772	141.531	ON
130122_223028	112	Yellow Warning	32.9	135200	1724	254325.1	1940.661	82.2	141.532	ON
130122_223028	112	Cleared	32.9	135200	1724	254325.1	1940.473	81.99	141.519	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254355.1	1942.675	82.94	141.233	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254385.1	1930.699	83.401	144.185	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254415.1	1929.06	82.621	144.746	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254445.1	1938.263	85.751	142.878	ON
130122_223028	112	ON-LINE	32.9	135200	1724	254475	1927.307	82.35	141.312	ON

130122_223028	112	OFF	32.9	135200	1724	254482.7	1925.97	81.703	141.058	ON
130122_223028	112	Yellow Warning	32.9	135200	1724	254482.7	1926.007	81.761	140.651	ON
130122_223028	112	Yellow Warning	32.9	135200	1724	254482.7	1926.007	81.761	140.651	ON
130122_223028	112	Cleared	32.9	135200	1724	254482.7	1925.979	82.153	140.327	ON
130122_223028	112	Cleared	32.9	135200	1724	254482.7	1925.979	82.153	140.327	ON
		OFF-LINE	32.9	135200	1724	254512.1	1924.426	39.148	127.912	ON
		OFF-LINE	32.9	135200	1724	254542	1926.084	151.257	137.399	ON
		OFF-LINE	32.9	135200	1724	254572.1	1908.849	253.705	120.347	ON
		OFF-LINE	32.9	135200	1724	254602	1913.333	275.216	120.96	ON
130122_224320	113	ON	32.9	135200	1724	254617.6	1919.444	272.894	123.794	ON
130122_224320	113	ON-LINE	32.9	135200	1724	254647.1	1921.351	273.565	129.564	ON
130122_224320	113	ON-LINE	32.9	135200	1724	254677	1915.877	275.969	131.865	ON
130122_224320	113	ON-LINE	32.9	135200	1724	254707.1	1913.565	273.47	133.264	ON
130122_224320	113	ON-LINE	32.9	135200	1724	254737.1	1914.483	272.898	133.689	ON
130122_224320	113	ON-LINE	32.9	135200	1724	254767.1	1909.474	271.066	137.989	ON
130122_224320	113	Yellow Warning	32.9	135200	1724	254767.1	1912.777	272.956	138.065	ON
130122_224320	113	Cleared	32.9	135200	1724	254767.1	1912.423	272.118	138.553	ON
130122_224320	113	Yellow Warning	32.9	135200	1724	254767.1	1912.423	272.118	138.553	ON
130122_224320	113	Cleared	32.9	135200	1724	254767.1	1912.12	271.91	138.837	ON
130122_224320	113	ON-LINE	32.9	135200	1724	254797.1	1903.316	272.171	141.813	ON
130122_224320	113	ON-LINE	32.9	135200	1724	254827	1901.137	272.636	142.091	ON
130122_224320	113	Yellow Warning	32.9	135200	1724	254827	1918.457	272.304	136.685	ON
130122_224320	113	Cleared	32.9	135200	1724	254827	1921.563	272.122	136.028	ON
130122_224320	113	ON-LINE	32.9	135200	1724	254857.1	1915.948	271.151	137.715	ON
130122_224320	113	ON-LINE	32.9	135200	1724	254887	1922.164	271.009	134.886	ON

130122_224320	113	ON-LINE	32.9	135200	1724	254917.1	1928.433	272.147	137.745	ON
130122_224320	113	ON-LINE	32.9	135200	1724	254947	1925.198	271.052	137.83	ON
130122_224320	113	ON-LINE	32.9	135200	1724	254977.1	1927.303	273.661	138.069	ON
130122_224320	113	ON-LINE	32.9	135200	1724	255007	1926.655	270.865	138.027	ON
130122_224320	113	ON-LINE	32.9	135200	1724	255037.1	1929.944	272.122	138.171	ON
130122_224320	113	ON-LINE	32.9	135200	1724	255067.1	1927.259	273.767	138.853	ON
		Yellow Warning								
130122_224320	113	Warning	32.9	135200	1724	255067.1	1921.383	271.456	139.493	ON
130122_224320	113	Cleared	32.9	135200	1724	255067.1	1921.623	271.669	139.427	ON
130122_224320	113	ON-LINE	32.9	135200	1724	255097.1	1919.997	271.618	138.517	ON
130122_224320	113	ON-LINE	32.9	135200	1724	255127.1	1915.332	271.049	136.987	ON
130122_224320	113	ON-LINE	32.9	135200	1724	255157	1922.772	271.041	135.812	ON
130122_224320	113	ON-LINE	32.9	135200	1724	255187.1	1931.637	273.96	136.474	ON
130122_224320	113	ON-LINE	32.9	135200	1724	255217	1927.415	272.067	138.787	ON
130122_224320	113	ON-LINE	32.9	135200	1724	255247.1	1933.465	271.601	138.32	ON
130122_224320	113	OFF	32.9	135200	1724	255274.6	1908.145	272.022	142.024	ON
		Yellow Warning								
130122_224320	113	Warning	32.9	135200	1724	255274.6	1905.03	271.994	142.215	ON
		Yellow Warning								
130122_224320	113	Warning	32.9	135200	1724	255274.6	1905.03	271.994	142.215	ON
130122_224320	113	Cleared	32.9	135200	1724	255274.6	1904.162	272.504	142.027	ON
130122_224320	113	Cleared	32.9	135200	1724	255274.6	1904.162	272.504	142.027	ON
		Yellow Warning								
130122_224320	113	Warning	32.9	135200	1724	255274.6	1904.162	272.504	142.027	ON
		Yellow Warning								
130122_224320	113	Warning	32.9	135200	1724	255274.6	1904.162	272.504	142.027	ON
130122_224320	113	Cleared	32.9	135200	1724	255274.6	1903.744	274.718	141.614	ON
130122_224320	113	Cleared	32.9	135200	1724	255274.6	1903.744	274.718	141.614	ON
		OFF-LINE	32.9	135200	1724	255304.1	1902.777	302.322	133.647	ON
		OFF-LINE	32.9	135200	1724	255334.1	1939.627	268.169	121.549	ON

		OFF-LINE	32.9	135200	1724	255364	1947.562	158.158	145.469	ON
		OFF-LINE	32.9	135200	1724	255394.1	1953.871	74.897	139.486	ON
		OFF-LINE	32.9	135200	1724	255424	1935.508	82.487	144.892	ON
130122_225651	114	ON	32.9	135200	1724	255428.2	1935.515	83.888	144.545	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255458.1	1938.216	82.784	144.314	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255488	1929.247	83.381	145.859	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255518.1	1930.692	84.083	143.98	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255548	1938.521	85.522	139.263	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255578	1919.167	83.314	140.975	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255608.1	1921.085	84.042	140.307	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255638	1929.353	84.945	138.925	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255668.1	1924.893	85.305	141.65	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255698	1923.806	85.659	141.747	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255728.1	1925.295	84.359	141.06	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255758	1921.8	84.062	140.824	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255788.1	1932.316	83.568	139.341	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255818	1932.533	84.959	141.209	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255848	1919.684	82.868	140.123	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255878	1919.899	84.231	137.568	ON
		Yellow								
130122_225651	114	Warning	32.9	135200	1724	255878	1922.266	82.819	136.758	ON
130122_225651	114	Cleared	32.9	135200	1724	255878	1922.963	83.97	136.821	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255908	1928.995	81.747	139.044	ON
		Yellow								
130122_225651	114	Warning	32.9	135200	1724	255908	1929.31	82.618	141.098	ON
130122_225651	114	Cleared	32.9	135200	1724	255908	1929.715	82.513	141.082	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255938.1	1930.747	84.206	141.738	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255968	1927.028	82.305	140.887	ON
130122_225651	114	ON-LINE	32.9	135200	1724	255998.1	1933.713	84.986	138.715	ON
130122_225651	114	ON-LINE	32.9	135200	1724	256028	1943.809	84.526	138.346	ON

130122_225651	114	ON-LINE	32.9	135200	1724	256058.1	1921.866	82.859	141.691	ON
130122_225651	114	OFF	32.9	135200	1724	256064.9	1926.145	83.839	140.393	ON
130122_225651	114	Yellow Warning	32.9	135200	1724	256064.9	1927.698	84.22	140.343	ON
130122_225651	114	Yellow Warning	32.9	135200	1724	256064.9	1927.698	84.22	140.343	ON
130122_225651	114	Cleared	32.9	135200	1724	256064.9	1928.249	83.505	140.198	ON
130122_225651	114	Cleared	32.9	135200	1724	256064.9	1928.249	83.505	140.198	ON
130122_225651	114	Yellow Warning	32.9	135200	1724	256064.9	1928.249	83.505	140.198	ON
130122_225651	114	Yellow Warning	32.9	135200	1724	256064.9	1928.249	83.505	140.198	ON
130122_225651	114	Cleared	32.9	135200	1724	256064.9	1928.855	81.986	139.794	ON
130122_225651	114	Cleared	32.9	135200	1724	256064.9	1928.855	81.986	139.794	ON
		OFF-LINE	32.9	135200	1724	256094	1930.071	23.085	123.879	ON
		OFF-LINE	32.9	135200	1724	256124	1929.945	112.368	143.853	ON
		OFF-LINE	32.9	135200	1724	256154	1932.465	246.443	113.744	ON
		OFF-LINE	32.9	135200	1724	256184	1939.77	280.094	111.263	ON
		OFF-LINE	32.9	135200	1724	256214.1	1920.365	270.342	130.407	ON
130122_230958	115	ON	32.9	135200	1724	256215.7	1921.718	270.128	130.767	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256245	1930.067	273.283	134.708	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256275.1	1926.892	271.555	138.515	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256305	1924.964	271.165	142.617	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256335	1920.406	273.842	137.367	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256365	1906.889	273.492	136.623	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256395	1917.332	271.704	134.105	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256425.1	1909.524	271.838	134.065	ON
130122_230958	115	Yellow Warning	32.9	135200	1724	256425.1	1909.887	272.297	133.484	ON
130122_230958	115	Cleared	32.9	135200	1724	256425.1	1909.829	272.507	133.453	ON

130122_230958	115	ON-LINE	32.9	135200	1724	256455	1908.926	274.152	133.447	ON
130122_230958	115	Yellow Warning	32.9	135200	1724	256455	1912.073	273.891	132.484	ON
130122_230958	115	Cleared	32.9	135200	1724	256455	1912.525	274.195	132.335	ON
130122_230958	115	Yellow Warning	32.9	135200	1724	256455	1916.332	274.361	131.931	ON
130122_230958	115	Cleared	32.9	135200	1724	256455	1916.523	275.681	131.959	ON
130122_230958	115	Yellow Warning	32.9	135200	1724	256455	1916.523	275.681	131.959	ON
130122_230958	115	Cleared	32.9	135200	1724	256455	1916.434	275.434	132.058	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256485.1	1915.69	273.409	133.663	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256515	1928.686	272.672	135.003	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256545.1	1930.619	273.378	135.631	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256575	1928.27	272.933	137.186	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256605	1906.658	273.528	140.671	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256635	1919.131	272.122	135.895	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256665	1923.41	272.105	137.493	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256695	1925.295	271.833	137.095	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256725	1923.244	272.013	137.072	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256755.1	1917.459	271.067	137.939	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256785	1920.467	271.506	138.017	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256815	1922.966	272.313	138.606	ON
130122_230958	115	ON-LINE	32.9	135200	1724	256845	1914.988	272.457	139.942	ON
130122_230958	115	OFF	32.9	135200	1724	256871.8	1911.625	271.88	140.727	ON
130122_230958	115	Yellow Warning	32.9	135200	1724	256871.8	1911.42	272.025	140.495	ON
130122_230958	115	Yellow Warning	32.9	135200	1724	256871.8	1911.42	272.025	140.495	ON
130122_230958	115	Cleared	32.9	135200	1724	256871.8	1911.577	272.42	140.195	ON
130122_230958	115	Cleared	32.9	135200	1724	256871.8	1911.577	272.42	140.195	ON

		OFF-LINE	32.9	135200	1724	256901	1937.846	294.536	132.15	ON
		OFF-LINE	32.9	135200	1724	256931	1952.073	256.201	131.67	ON
		OFF-LINE	32.9	135200	1724	256961.1	1948.439	114.52	142.891	ON
		OFF-LINE	32.9	135200	1724	256991	1953.118	89.202	137.756	ON
130122_232321	116	ON	32.9	135200	1724	257018.2	1956.31	79.069	128.796	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257048	1946.656	81.262	130.358	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257078.1	1964.316	85.452	132.588	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257108	1958.68	84.544	138.943	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257138.1	1931.011	82.324	136.107	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257168	1926.164	87.371	138.316	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257198.1	1936.89	84.894	135.2	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257228.1	1932.729	82.632	135.6	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257258	1929.373	83.621	135.159	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257288.1	1929.282	84.083	134.407	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257318	1930.174	80.83	135.768	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257348.1	1917.1	83.267	138.301	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257378	1929.303	83.073	135.711	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257408.1	1933.706	82.895	137.157	ON
130122_232321	116	Yellow Warning	32.9	135200	1724	257408.1	1940.875	83.55	138.042	ON
130122_232321	116	Cleared	32.9	135200	1724	257408.1	1941.349	83.215	138.09	ON
130122_232321	116	Yellow Warning	32.9	135200	1724	257408.1	1942.458	83.731	138.226	ON
130122_232321	116	Cleared	32.9	135200	1724	257408.1	1942.638	83.614	138.366	ON
130122_232321	116	Yellow Warning	32.9	135200	1724	257408.1	1942.638	83.614	138.366	ON
130122_232321	116	Cleared	32.9	135200	1724	257408.1	1942.282	83.857	138.764	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257438.1	1942.561	83.98	138.824	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257468	1935.399	85.011	140.299	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257498.1	1925.059	84.021	141.693	ON

130122_232321	116	ON-LINE	32.9	135200	1724	257528	1930.226	81.285	141.564	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257558.1	1925.492	83.789	140.941	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257588	1924.76	80.322	138.866	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257618.1	1935.773	81.695	138.815	ON
130122_232321	116	ON-LINE	32.9	135200	1724	257648	1936.437	82.032	139.477	ON
130122_232321	116	OFF	32.9	135200	1724	257671.5	1925.2	81.579	143.031	ON
130122_232321	116	Yellow Warning	32.9	135200	1724	257671.5	1924.826	81.176	142.88	ON
130122_232321	116	Yellow Warning	32.9	135200	1724	257671.5	1924.826	81.176	142.88	ON
130122_232321	116	Cleared	32.9	135200	1724	257671.5	1925.346	81.58	142.609	ON
130122_232321	116	Cleared	32.9	135200	1724	257671.5	1925.346	81.58	142.609	ON
		OFF-LINE	32.9	135200	1724	257701.1	1926.972	159.691	141.212	ON
		OFF-LINE	32.9	135200	1724	257731	1920.45	241.612	118.557	ON
		OFF-LINE	32.9	135200	1724	257761.1	1898.409	271.628	125.348	ON
		OFF-LINE	32.9	135200	1724	257791	1910.735	269.752	128.049	ON
		OFF-LINE	32.9	135200	1724	257821.1	1918.335	278.659	129.232	ON
		OFF-LINE	32.9	135200	1724	257851	1923.008	333.049	129.815	ON
130122_233740	UL001	ON	32.9	135200	1724	257877.1	1927.484	357.619	136.221	ON
130122_233740	UL001	ON-LINE	32.9	135200	1724	257907.1	1935.741	355.88	134.42	ON
130122_233740	UL001	ON-LINE	32.9	135200	1724	257937	1922.001	347.662	137.275	ON
130122_233740	UL001	ON-LINE	32.9	135200	1724	257967.1	1914.719	351.767	136.627	ON
130122_233740	UL001	ON-LINE	32.9	135200	1724	257997	1927.26	344.667	131.765	ON
130122_233740	UL001	OFF	32.9	135200	1724	258004	1933.119	343.827	130.24	ON
130122_233740	UL001	Yellow Warning	32.9	135200	1724	258004	1932.881	343.571	130.404	ON
130122_233740	UL001	Yellow Warning	32.9	135200	1724	258004	1932.881	343.571	130.404	ON
130122_233740	UL001	Cleared	32.9	135200	1724	258004	1932.335	343.622	130.559	ON
130122_233740	UL001	Cleared	32.9	135200	1724	258004	1932.335	343.622	130.559	ON

		OFF-LINE	32.9	135200	1724	258033.1	1928.154	297.619	127.984	ON
		OFF-LINE	30.5	82700	1724	258063	1920.415	264.153	134.988	ON
		OFF-LINE	30.5	82700	1724	258093.1	1914.551	274.531	134.047	ON
		OFF-LINE	30.5	82700	1724	258123	1923.032	271.81	133.37	ON
		OFF-LINE	32.9	135200	1724	258153	1911.135	273.975	134.874	ON
		OFF-LINE	32.9	135200	1724	258183	1888.134	274.749	135.002	ON
		OFF-LINE	32.9	135200	1724	258213	1898.468	271.678	131.731	ON
		OFF-LINE	32.9	135200	1724	258243.1	1909.569	265.706	132.339	ON
		OFF-LINE	32.9	135200	1724	258273	1910.281	275.988	129.068	ON
		OFF-LINE	32.9	135200	1724	258303.1	1915.889	273.961	127.731	ON
		OFF-LINE	32.9	135200	1724	258333	1907.863	272.641	130.698	ON
		OFF-LINE	32.9	135200	1724	258363.1	1904.457	274.507	132.164	ON
		OFF-LINE	32.9	135200	1724	258393	1913.949	270.537	131.353	ON
		OFF-LINE	32.9	135200	1724	258423	1903.291	276.479	131.279	ON
		OFF-LINE	32.9	135200	1724	258453	1908.068	271.131	129.227	ON
		OFF-LINE	32.9	135200	1724	258483	1918.145	214.192	149.152	ON
130122_234804	UL002	ON	32.9	135200	1724	258501.3	1940.106	182.388	155.159	ON
130122_234804	UL002	ON-LINE	32.9	135200	1724	258531	1943.545	177.981	158.742	ON
130122_234804	UL002	ON-LINE	32.9	135200	1724	258561	1930.738	183.906	162.052	ON
130122_234804	UL002	ON-LINE	32.9	135200	1724	258591	1934.788	183.796	160.52	ON
130122_234804	UL002	ON-LINE	32.9	135200	1724	258621	1931.886	180.222	160.697	ON
130122_234804	UL002	OFF	32.9	135200	1724	258621.5	1932.185	180.331	160.628	ON
130122_234804	UL002	Yellow Warning	32.9	135200	1724	258621.5	1932.122	180.568	160.634	ON
130122_234804	UL002	Yellow Warning	32.9	135200	1724	258621.5	1932.122	180.568	160.634	ON
130122_234804	UL002	Cleared	32.9	135200	1724	258621.5	1931.308	180.554	160.837	ON
130122_234804	UL002	Cleared	32.9	135200	1724	258621.5	1931.308	180.554	160.837	ON
		OFF-LINE	32.9	135200	1724	258651.1	1804.608	181.218	167.481	ON
		OFF-LINE	32.9	135200	1724	258681	1732.784	177.394	150.908	ON

		OFF-LINE	32.9	135200	1724	258711.1	1646.236	139.119	152.792	ON
		OFF-LINE	32.9	135200	1724	258741	1538.741	77.325	147.327	ON
		OFF-LINE	32.9	135200	1724	258771	1418.801	0.542	120.975	ON
		OFF-LINE	32.9	135200	1724	258801	1320.745	309.431	108.048	ON
		OFF-LINE	32.9	135200	1724	258831	1194.057	291.028	110.899	ON
		OFF-LINE	32.9	135200	1724	258861.1	1092.878	250.191	120.438	ON
		OFF-LINE	32.9	135200	1724	258891	1033.562	216.036	116.736	ON
		OFF-LINE	32.9	135200	1724	258921	939.264	139.841	135.942	ON
		OFF-LINE	32.9	135200	1724	258951	840.544	79.644	126.234	ON
		OFF-LINE	32.9	135200	1724	258981	746.755	6.238	118.331	ON
		OFF-LINE	32.9	135200	1724	259011	547.475	321.042	126.035	ON
		OFF-LINE	32.9	135200	1724	259041	371.29	317.795	121.759	ON
		OFF-LINE	32.9	135200	1724	259071.1	267.722	263.747	109.956	ON
		OFF-LINE	32.9	135200	1724	259101	246.837	157.306	96.706	ON
		OFF-LINE	32.9	135200	1724	259131.1	54.986	118.255	98.56	ON
		OFF-LINE	32.9	135200	1724	259161	-1.992	119.238	57.525	ON
		OFF-LINE	32.9	135200	1724	259191	0.237	74.318	9.481	ON
		OFF-LINE	32.9	135200	1724	259221	-1.717	359.05	16.275	ON
		OFF-LINE	32.9	135200	1724	259251	-4.38	12.892	10.632	ON
		OFF-LINE	32.9	135200	1724	259281	-4.933	91.267	0.102	ON
		OFF-LINE	32.9	135200	1724	259311	-4.279	91.252	0.056	ON
		OFF-LINE	32.9	135200	1724	259341.1	-3.816	91.222	0.042	ON
		OFF-LINE	32.9	135200	1724	259371	-3.387	91.184	0.064	ON
		OFF-LINE	32.9	135200	1724	259401	-2.977	91.202	0.068	ON
		OFF-LINE	32.9	135200	1724	259431	-2.692	91.168	0.037	ON
		OFF-LINE	32.9	135200	1724	259461	-2.494	91.168	0.025	ON
		OFF-LINE	32.9	135200	1724	259491	-2.352	91.104	0.038	ON
		OFF-LINE	32.9	135200	1724	259521	-2.282	91.096	0.04	ON
		OFF-LINE	32.9	135200	1724	259551	-2.247	91.033	0.033	ON

		OFF-LINE	32.9	135200	1724	259581	-2.243	91.034	0.043	ON
		OFF-LINE	32.9	135200	1724	259611	-2.27	90.87	0.043	ON
		OFF-LINE	32.9	135200	1724	259641	-2.309	90.896	0.032	ON
		OFF-LINE	32.9	135200	1724	259671	-2.321	90.886	0.032	ON
		OFF-LINE	32.9	135200	1724	259701	-2.336	90.993	0.037	ON
130122_234804	LASETEST	OFF	32.9	135200	1724	259718.4	-2.34	90.949	0.042	ON
		OFF-LINE	10	50000	1724	259748	-2.34	90.92	0.032	ON

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LINE ID	LINE NUMBER	ON/OFF	SET SCAN RATE	PULSERATE	WEEK NUM	SECONDS OF WEEK	ALT	HEADING	SPEED(knots)	ROLL COMP
		OFF-LINE	1	100000	1724	316179.7	-0.293	87.888	0.012	ON
		OFF-LINE	1	100000	1724	316209.6	-0.402	87.863	0.036	ON
		OFF-LINE	1	100000	1724	316239.7	-0.52	87.835	0.028	ON
		OFF-LINE	1	100000	1724	316269.7	-0.574	87.821	0.028	ON
130123_155115	BITTEST	OFF	1	100000	1724	316292	-0.57	87.8	0.007	ON
130123_155116	BITTEST	ON	10	50000	1724	316292.3	-0.567	87.824	0.045	ON
130123_155116	BITTEST	OFF	10	100000	1724	316296.1	-0.566	87.803	0.042	ON
130123_155136	LASETEST	ON	10	50000	1724	316312.3	-0.563	87.801	0.012	ON
130123_155136	LASETEST	OFF	10	50000	1724	316316.1	-0.56	87.758	0.025	ON
		OFF-LINE	32.9	135200	1724	316345.6	-0.441	117.683	3.141	ON
		OFF-LINE	32.9	135200	1724	316375.7	-0.784	285.012	1.763	ON

		OFF-LINE	32.9	135200	1724	316405.8	-0.169	283.528	0.024	ON
		OFF-LINE	32.9	135200	1724	316435.7	0.176	283.578	0.011	ON
		OFF-LINE	32.9	135200	1724	316465.7	0.324	284.054	0.041	ON
		OFF-LINE	30.5	82700	1724	316495.7	0.383	285.882	0.05	ON
		OFF-LINE	30.5	82700	1724	316525.7	0.416	286.829	0.067	ON
		OFF-LINE	30.5	82700	1724	316555.7	0.411	287.789	0.049	ON
		OFF-LINE	30.5	82700	1724	316585.7	0.402	288.508	0.047	ON
		OFF-LINE	30.5	82700	1724	316615.7	0.401	288.809	0.032	ON
		OFF-LINE	30.5	82700	1724	316645.7	0.38	289.006	0.038	ON
		OFF-LINE	32.9	135200	1724	316675.7	0.359	289.153	0.026	ON
		OFF-LINE	32.9	135200	1724	316705.7	0.292	4.445	8.406	ON
		OFF-LINE	32.9	135200	1724	316735.8	-0.821	1.471	14.327	ON
		OFF-LINE	32.9	135200	1724	316765.7	-2.191	1.018	6.847	ON
		OFF-LINE	32.9	135200	1724	316795.7	-2.753	303.766	8.89	ON
		OFF-LINE	32.9	135200	1724	316825.7	1.209	241.846	79.644	ON
		OFF-LINE	32.9	135200	1724	316855.7	82.042	247.932	95.279	ON
		OFF-LINE	32.9	135200	1724	316885.7	196.374	155.017	98.937	ON
		OFF-LINE	32.9	135200	1724	316915.7	301.661	89.728	105.561	ON
		OFF-LINE	32.9	135200	1724	316945.7	374.16	81.285	116.69	ON
		OFF-LINE	32.9	135200	1724	316975.7	438.074	72.709	127.358	ON
		OFF-LINE	32.9	135200	1724	317005.7	517.717	65.047	131.527	ON
		OFF-LINE	32.9	135200	1724	317035.7	611.644	64.672	131.127	ON
		OFF-LINE	32.9	135200	1724	317065.7	702.819	60.265	130.759	ON
		OFF-LINE	32.9	135200	1724	317095.7	794.819	59.71	130.114	ON
		OFF-LINE	32.9	135200	1724	317125.7	883.557	63.122	131.424	ON
		OFF-LINE	32.9	135200	1724	317155.7	977.788	64.603	131.608	ON
		OFF-LINE	32.9	135200	1724	317185.7	1070.668	73.059	133.832	ON
		OFF-LINE	32.9	135200	1724	317215.6	1161.088	69.6	133.483	ON
		OFF-LINE	32.9	135200	1724	317245.7	1251.356	64.345	133.717	ON

		OFF-LINE	32.9	135200	1724	317275.7	1343.848	62.505	132.153	ON
		OFF-LINE	32.9	135200	1724	317305.7	1425.55	84.784	140.572	ON
		OFF-LINE	32.9	135200	1724	317335.7	1518.046	69.62	136.466	ON
		OFF-LINE	32.9	135200	1724	317365.7	1602.722	69.733	137.077	ON
		OFF-LINE	32.9	135200	1724	317395.7	1685.256	122.047	150.433	ON
		OFF-LINE	32.9	135200	1724	317425.6	1779.514	129.315	146.863	ON
		OFF-LINE	32.9	135200	1724	317455.7	1856.424	31.547	120.096	ON
		OFF-LINE	32.9	135200	1724	317485.7	1925.876	47.119	129.649	ON
		OFF-LINE	32.9	135200	1724	317515.7	1927.972	80.722	152.811	ON
		OFF-LINE	32.9	135200	1724	317545.7	1925.816	100.739	166.277	ON
		OFF-LINE	32.9	135200	1724	317575.7	1929.266	32.598	139.267	ON
		OFF-LINE	32.9	135200	1724	317605.7	1914.022	261.974	130.418	ON
		OFF-LINE	32.9	135200	1724	317635.6	1917.512	279.973	123.301	ON
		OFF-LINE	32.9	135200	1724	317665.7	1918.44	276.005	124.119	ON
130123_161420	117	ON	32.9	135200	1724	317676.6	1914.126	278.063	125.408	ON
130123_161420	117	ON-LINE	32.9	135200	1724	317705.6	1926.482	275.372	124.552	ON
130123_161420	117	ON-LINE	32.9	135200	1724	317735.7	1920.272	276.732	127.44	ON
130123_161420	117	ON-LINE	32.9	135200	1724	317765.7	1912.436	277.745	128.892	ON
130123_161420	117	ON-LINE	32.9	135200	1724	317795.7	1913.954	277.294	128.78	ON
130123_161420	117	ON-LINE	32.9	135200	1724	317825.7	1920.38	277.474	127.472	ON
130123_161420	117	ON-LINE	32.9	135200	1724	317855.7	1919.166	277.78	127.036	ON
130123_161420	117	ON-LINE	32.9	135200	1724	317885.7	1919.725	278.178	126.902	ON
130123_161420	117	ON-LINE	32.9	135200	1724	317915.6	1925.803	276.644	126.147	ON
130123_161420	117	ON-LINE	32.9	135200	1724	317945.7	1914.567	278.502	129.231	ON
130123_161420	117	ON-LINE	32.9	135200	1724	317975.7	1923.135	278.68	127.609	ON
130123_161420	117	Yellow Warning	32.9	135200	1724	317975.7	1922.401	278.839	127.724	ON
130123_161420	117	Cleared	32.9	135200	1724	317975.7	1922.434	278.093	127.889	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318005.7	1927.277	277.226	129.634	ON

130123_161420	117	ON-LINE	32.9	135200	1724	318035.7	1913.434	276.509	133.87	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318065.7	1920.094	277.289	131.454	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318095.7	1917.604	277.723	132.341	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318125.7	1918.838	275.893	131.526	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318155.7	1920.339	275.32	131.119	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318185.6	1924.04	275.738	130.614	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318215.7	1918.592	275.638	131.627	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318245.6	1918.575	279.563	131.08	ON
		Yellow								
130123_161420	117	Warning	32.9	135200	1724	318245.6	1916.653	275.627	131.382	ON
130123_161420	117	Cleared	32.9	135200	1724	318245.6	1916.66	276.09	131.411	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318275.7	1917.594	276.993	131.072	ON
		Yellow								
130123_161420	117	Warning	32.9	135200	1724	318275.7	1917.567	276.399	131.165	ON
130123_161420	117	Cleared	32.9	135200	1724	318275.7	1917.759	276.242	131.14	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318305.7	1923.782	275.916	130.702	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318335.7	1916.903	275.967	133.324	ON
130123_161420	117	ON-LINE	32.9	135200	1724	318365.7	1925.834	276.38	131.656	ON
130123_161420	117	OFF	32.9	135200	1724	318370.4	1924.9	277.119	131.646	ON
		Yellow								
130123_161420	117	Warning	32.9	135200	1724	318370.4	1923.907	276.878	131.81	ON
		Yellow								
130123_161420	117	Warning	32.9	135200	1724	318370.4	1923.907	276.878	131.81	ON
130123_161420	117	Cleared	32.9	135200	1724	318370.4	1923.585	276.974	131.584	ON
130123_161420	117	Cleared	32.9	135200	1724	318370.4	1923.585	276.974	131.584	ON
		Yellow								
130123_161420	117	Warning	32.9	135200	1724	318370.4	1923.585	276.974	131.584	ON
		Yellow								
130123_161420	117	Warning	32.9	135200	1724	318370.4	1923.585	276.974	131.584	ON
130123_161420	117	Cleared	32.9	135200	1724	318370.4	1923.595	278.959	131.054	ON
130123_161420	117	Cleared	32.9	135200	1724	318370.4	1923.595	278.959	131.054	ON

		OFF-LINE	32.9	135200	1724	318399.7	1934.178	314.055	119.714	ON
		OFF-LINE	32.9	135200	1724	318429.7	1947.98	252.436	123.595	ON
		OFF-LINE	32.9	135200	1724	318459.7	1921.264	146.302	159.538	ON
		OFF-LINE	32.9	135200	1724	318489.7	1946.441	55.033	128.732	ON
130123_162813	118	ON	32.9	135200	1724	318509.5	1935.993	78.599	141.704	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318538.7	1933.997	78.968	140.781	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318568.7	1938.205	80.02	141.161	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318598.7	1934.219	78.926	142.072	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318628.7	1930.977	79.59	143.367	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318658.6	1926.084	78.009	144.209	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318688.7	1932.116	78.711	142.436	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318718.6	1927.731	76.702	144.051	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318748.7	1929.682	77.779	142.949	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318778.7	1926.249	81.17	145.155	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318808.7	1932.322	77.487	142.048	ON
130123_162813	118	Yellow Warning	32.9	135200	1724	318808.7	1933.087	77.65	141.869	ON
130123_162813	118	Cleared	32.9	135200	1724	318808.7	1932.512	77.221	141.899	ON
130123_162813	118	Yellow Warning	32.9	135200	1724	318808.7	1932.512	77.221	141.899	ON
130123_162813	118	Cleared	32.9	135200	1724	318808.7	1931.766	77.639	142.078	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318838.7	1929.484	79.545	142.697	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318868.7	1923.301	80.117	143.836	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318898.7	1920.291	79.47	143.158	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318928.6	1926.42	77.626	140.689	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318958.7	1918.567	81.024	143.985	ON
130123_162813	118	ON-LINE	32.9	135200	1724	318988.6	1920.277	80.985	142.381	ON
130123_162813	118	ON-LINE	32.9	135200	1724	319018.7	1926.24	78.477	140.775	ON
130123_162813	118	ON-LINE	32.9	135200	1724	319048.7	1920.66	78.495	142.761	ON
130123_162813	118	ON-LINE	32.9	135200	1724	319078.7	1923.607	77.389	141.026	ON

130123_162813	118	ON-LINE	32.9	135200	1724	319108.7	1925.691	79.026	140.35	ON
130123_162813	118	ON-LINE	32.9	135200	1724	319138.6	1926.315	77.971	140.944	ON
130123_162813	118	OFF	32.9	135200	1724	319141.5	1927.336	77.852	140.628	ON
130123_162813	118	Yellow Warning	32.9	135200	1724	319141.5	1928.561	77.568	140.309	ON
130123_162813	118	Yellow Warning	32.9	135200	1724	319141.5	1928.561	77.568	140.309	ON
130123_162813	118	Cleared	32.9	135200	1724	319141.5	1928.962	77.556	140.238	ON
130123_162813	118	Cleared	32.9	135200	1724	319141.5	1928.962	77.556	140.238	ON
		OFF-LINE	32.9	135200	1724	319170.7	1927.824	34.209	121.739	ON
		OFF-LINE	32.9	135200	1724	319200.6	1928.777	106.307	146.53	ON
		OFF-LINE	32.9	135200	1724	319230.7	1921.525	234.31	125.347	ON
		OFF-LINE	32.9	135200	1724	319260.6	1919.536	276.167	114.206	ON
		OFF-LINE	32.9	135200	1724	319290.7	1914.778	277.119	121.638	ON
130123_164123	119	ON	32.9	135200	1724	319299.5	1915.607	275.617	122.716	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319328.6	1919.261	276.148	125.311	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319358.7	1929.814	278.072	125.392	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319388.7	1930.469	276.348	127.32	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319418.7	1921.114	276.285	129.968	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319448.7	1923.466	276.082	129.318	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319478.6	1918.355	277.45	130.762	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319508.7	1918.999	276.093	129.847	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319538.7	1914.03	277.114	130.708	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319568.7	1903.788	278.924	131.797	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319598.7	1921.651	275.427	127.433	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319628.7	1923.86	277.106	128.287	ON
130123_164123	119	Yellow Warning	32.9	135200	1724	319628.7	1920.552	276.148	129.915	ON
130123_164123	119	Cleared	32.9	135200	1724	319628.7	1921.293	275.608	129.77	ON
130123_164123	119	Yellow	32.9	135200	1724	319628.7	1922.283	276.292	129.55	ON

		Warning								
130123_164123	119	Yellow Warning	32.9	135200	1724	319628.7	1923.298	276.776	129.341	ON
130123_164123	119	Cleared	32.9	135200	1724	319628.7	1923.298	276.776	129.341	ON
130123_164123	119	Cleared	32.9	135200	1724	319628.7	1924.222	276.564	129.176	ON
		Yellow								
130123_164123	119	Warning	32.9	135200	1724	319628.7	1924.222	276.564	129.176	ON
130123_164123	119	Cleared	32.9	135200	1724	319628.7	1925.52	276.143	129.08	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319658.7	1925.929	274.552	129.298	ON
		Yellow								
130123_164123	119	Warning	32.9	135200	1724	319658.7	1921.596	276.117	130.864	ON
130123_164123	119	Cleared	32.9	135200	1724	319658.7	1920.949	276.274	130.984	ON
		Yellow								
130123_164123	119	Warning	32.9	135200	1724	319658.7	1920.949	276.274	130.984	ON
		Yellow								
130123_164123	119	Warning	32.9	135200	1724	319658.7	1920.058	277.213	131.147	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319688.7	1919.63	277.399	131.204	ON
130123_164123	119	Cleared	32.9	135200	1724	319688.7	1919.099	277.31	131.276	ON
130123_164123	119	Cleared	32.9	135200	1724	319688.7	1919.099	277.31	131.276	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319718.7	1916.511	275.27	131.859	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319748.7	1913.644	275.844	131.642	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319778.7	1917.74	274.5	130.442	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319808.7	1928.714	274.588	128.736	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319838.7	1916.154	274.08	131.854	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319868.7	1919.039	275.313	130.292	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319898.7	1921.718	275.374	130.251	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319928.7	1915.579	275.419	133.263	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319958.7	1925.3	274.338	130.496	ON
130123_164123	119	ON-LINE	32.9	135200	1724	319988.7	1920.271	274.255	132.079	ON
130123_164123	119	OFF	32.9	135200	1724	319992.4	1918.993	276.08	132.193	ON

130123_164123	119	Yellow Warning	32.9	135200	1724	319992.4	1916.13	278.596	131.236	ON
130123_164123	119	Yellow Warning	32.9	135200	1724	319992.4	1916.13	278.596	131.236	ON
130123_164123	119	Cleared	32.9	135200	1724	319992.4	1916.181	281.069	130.581	ON
130123_164123	119	Cleared	32.9	135200	1724	319992.4	1916.181	281.069	130.581	ON
		OFF-LINE	32.9	135200	1724	320021.7	1923.272	320.548	120.576	ON
		OFF-LINE	32.9	135200	1724	320051.7	1934.751	261.722	119.88	ON
		OFF-LINE	32.9	135200	1724	320081.7	1929.368	164.52	153.83	ON
		OFF-LINE	32.9	135200	1724	320111.7	1934.454	54.919	131.187	ON
130123_165519	120	ON	32.9	135200	1724	320135.5	1929.891	82.324	140.901	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320164.7	1926.924	80.86	141.835	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320194.7	1923.33	80.618	142.561	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320224.7	1922.976	79.292	143.052	ON
		Yellow Warning								
130123_165519	120	Warning	32.9	135200	1724	320224.7	1934.481	82.046	140.352	ON
130123_165519	120	Cleared	32.9	135200	1724	320224.7	1934.422	81.679	140.517	ON
		Yellow Warning								
130123_165519	120	Warning	32.9	135200	1724	320224.7	1934.422	81.679	140.517	ON
		Yellow Warning								
130123_165519	120	Warning	32.9	135200	1724	320224.7	1934.145	80.896	140.708	ON
130123_165519	120	Cleared	32.9	135200	1724	320224.7	1933.852	78.762	140.683	ON
130123_165519	120	Cleared	32.9	135200	1724	320224.7	1933.852	78.762	140.683	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320254.7	1934.576	78.833	140.45	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320284.7	1930.677	79.486	141.638	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320314.7	1921.294	81.549	144.592	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320344.6	1924.584	78.634	141.872	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320374.7	1921.931	79.645	141.755	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320404.6	1928.274	78.344	139.718	ON
		Yellow Warning								
130123_165519	120	Warning	32.9	135200	1724	320404.6	1929.012	78.287	139.966	ON

130123_165519	120	Cleared	32.9	135200	1724	320404.6	1928.529	78.636	140.04	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320434.7	1923.396	81.568	141.926	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320464.7	1919.673	82.338	141.518	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320494.7	1924.344	81.012	140.411	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320524.7	1924.354	79.654	141.366	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320554.6	1931.623	78.878	139.723	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320584.7	1926.287	80.674	141.673	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320614.6	1923.851	78.629	142.613	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320644.7	1923.223	80.925	141.954	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320674.7	1923.836	78.723	140.537	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320704.7	1924.576	80.02	141.415	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320734.7	1926.234	78.358	141.43	ON
130123_165519	120	ON-LINE	32.9	135200	1724	320764.6	1926.002	77.876	141.278	ON
130123_165519	120	OFF	32.9	135200	1724	320772.2	1925.186	79.096	141.771	ON
		Yellow								
130123_165519	120	Warning	32.9	135200	1724	320772.2	1922.947	77.968	141.992	ON
130123_165519	120	Cleared	32.9	135200	1724	320772.2	1922.431	76.697	141.484	ON
		Yellow								
130123_165519	120	Warning	32.9	135200	1724	320772.2	1922.431	76.697	141.484	ON
		Yellow								
130123_165519	120	Warning	32.9	135200	1724	320772.2	1922.431	76.697	141.484	ON
130123_165519	120	Cleared	32.9	135200	1724	320772.2	1922.149	73.915	140.487	ON
130123_165519	120	Cleared	32.9	135200	1724	320772.2	1922.149	73.915	140.487	ON
		OFF-LINE	32.9	135200	1724	320801.7	1920.281	32.476	123.615	ON
		OFF-LINE	32.9	135200	1724	320831.6	1909.632	112.055	149.162	ON
		OFF-LINE	32.9	135200	1724	320861.7	1898.771	234.19	133.464	ON
		OFF-LINE	32.9	135200	1724	320891.6	1908.489	279.847	116.552	ON
		OFF-LINE	32.9	135200	1724	320921.7	1907.43	274.54	122.289	ON
130123_170835	121	ON	32.9	135200	1724	320931.1	1911.441	277.926	122.223	ON
130123_170835	121	ON-LINE	32.9	135200	1724	320960.6	1912.609	276.284	124.297	ON

130123_170835	121	ON-LINE	32.9	135200	1724	320990.7	1920.828	275.32	125.369	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321020.6	1919.253	275.954	127.641	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321050.7	1918.749	276.379	128.667	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321080.7	1913.261	276.382	129.78	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321110.6	1918.429	276.272	127.945	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321140.7	1918.222	274.757	129.948	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321170.6	1918.464	275.961	130.022	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321200.7	1917.59	276.56	129.314	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321230.6	1916.173	275.508	129.593	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321260.7	1910.636	275.052	131.675	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321290.6	1916.65	275.247	129.383	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321320.6	1915.518	275.984	129.531	ON
		Yellow Warning								
130123_170835	121	Warning	32.9	135200	1724	321320.6	1917.149	274.981	129.51	ON
130123_170835	121	Cleared	32.9	135200	1724	321320.6	1917.542	275.291	129.516	ON
		Yellow Warning								
130123_170835	121	Warning	32.9	135200	1724	321320.6	1915.991	274.638	129.228	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321350.7	1916.309	274.312	129.229	ON
130123_170835	121	Cleared	32.9	135200	1724	321350.7	1916.415	274.293	129.232	ON
		Yellow Warning								
130123_170835	121	Warning	32.9	135200	1724	321350.7	1916.532	274.543	129.285	ON
130123_170835	121	Cleared	32.9	135200	1724	321350.7	1916.364	275.058	129.328	ON
		Yellow Warning								
130123_170835	121	Warning	32.9	135200	1724	321350.7	1910.449	275.84	130.692	ON
130123_170835	121	Cleared	32.9	135200	1724	321350.7	1909.451	276.327	130.882	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321380.6	1915.107	275.169	129.485	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321410.7	1919.001	277.537	128.51	ON
		Yellow Warning								
130123_170835	121	Warning	32.9	135200	1724	321410.7	1918.039	275.826	128.784	ON
130123_170835	121	Cleared	32.9	135200	1724	321410.7	1917.846	273.925	129.002	ON

130123_170835	121	Yellow Warning	32.9	135200	1724	321410.7	1917.846	273.925	129.002	ON
130123_170835	121	Cleared	32.9	135200	1724	321410.7	1917.663	273.146	129.291	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321410.7	1915.078	274.329	130.037	ON
130123_170835	121	Cleared	32.9	135200	1724	321410.7	1915.245	275.634	129.881	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321410.7	1915.245	275.634	129.881	ON
130123_170835	121	Cleared	32.9	135200	1724	321410.7	1915.155	276.253	129.796	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321440.6	1915.141	276.253	129.785	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321440.6	1915.393	275.114	129.024	ON
130123_170835	121	Cleared	32.9	135200	1724	321440.6	1915.531	274.54	128.982	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321440.6	1915.812	274.175	128.875	ON
130123_170835	121	Cleared	32.9	135200	1724	321440.6	1915.672	274.164	128.91	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321470.7	1909.501	277.037	129.947	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321470.7	1910.099	272.438	130.656	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321470.7	1910.079	274.321	130.662	ON
130123_170835	121	Cleared	32.9	135200	1724	321470.7	1910.023	276.711	130.529	ON
130123_170835	121	Cleared	32.9	135200	1724	321470.7	1909.698	277.481	130.423	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321500.6	1911.013	275.096	129.824	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321500.6	1917.598	273.814	128.225	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321500.6	1918.87	274.808	128.043	ON
130123_170835	121	Cleared	32.9	135200	1724	321500.6	1919.579	275.234	127.921	ON
130123_170835	121	Cleared	32.9	135200	1724	321500.6	1920.275	275.293	127.806	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321500.6	1917.213	276.145	128.563	ON

130123_170835	121	Cleared	32.9	135200	1724	321500.6	1916.698	275.452	128.721	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321530.6	1916.492	274.717	128.809	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321530.6	1910.752	275.785	129.778	ON
130123_170835	121	Cleared	32.9	135200	1724	321530.6	1910.85	275.254	129.776	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321530.6	1910.85	275.254	129.776	ON
130123_170835	121	Cleared	32.9	135200	1724	321530.6	1910.734	274.6	129.853	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321560.7	1912.18	276.23	129.287	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321590.6	1918.303	274.505	129.459	ON
130123_170835	121	ON-LINE	32.9	135200	1724	321620.7	1909.459	275.741	130.707	ON
130123_170835	121	OFF	32.9	135200	1724	321629.3	1906.661	274.656	132.146	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321629.3	1905.857	274.446	132.55	ON
130123_170835	121	Cleared	32.9	135200	1724	321629.3	1905.577	274.17	132.679	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321629.3	1905.577	274.17	132.679	ON
130123_170835	121	Yellow Warning	32.9	135200	1724	321629.3	1905.577	274.17	132.679	ON
130123_170835	121	Cleared	32.9	135200	1724	321629.3	1905.8	274.036	132.357	ON
130123_170835	121	Cleared	32.9	135200	1724	321629.3	1905.8	274.036	132.357	ON
		OFF-LINE	32.9	135200	1724	321658.6	1926.23	329.206	116.607	ON
		OFF-LINE	32.9	135200	1724	321688.7	1930.102	256.029	115.286	ON
		OFF-LINE	32.9	135200	1724	321718.6	1920.029	159.162	150.156	ON
		OFF-LINE	32.9	135200	1724	321748.7	1922.173	81.168	137.256	ON
130123_172226	122	ON	32.9	135200	1724	321762.1	1923.879	79.057	139.213	ON
130123_172226	122	ON-LINE	32.9	135200	1724	321791.6	1935.348	79.17	137.787	ON
130123_172226	122	ON-LINE	32.9	135200	1724	321821.7	1927.93	78.987	140.213	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321821.7	1925.833	78.942	141.819	ON
130123_172226	122	Cleared	32.9	135200	1724	321821.7	1924.796	80.795	142.072	ON

130123_172226	122	Yellow Warning	32.9	135200	1724	321821.7	1924.796	80.795	142.072	ON
130123_172226	122	Cleared	32.9	135200	1724	321821.7	1922.397	81.896	142.926	ON
130123_172226	122	ON-LINE	32.9	135200	1724	321851.6	1921.632	82.017	143.109	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321851.6	1919.745	81.602	143.156	ON
130123_172226	122	Cleared	32.9	135200	1724	321851.6	1918.983	80.883	143.019	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321851.6	1918.983	80.883	143.019	ON
130123_172226	122	Cleared	32.9	135200	1724	321851.6	1918.497	79.264	142.925	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321851.6	1928.533	81.408	139.55	ON
130123_172226	122	ON-LINE	32.9	135200	1724	321881.7	1928.431	81.508	139.619	ON
130123_172226	122	Cleared	32.9	135200	1724	321881.7	1928.097	81.428	139.829	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321881.7	1928.097	81.428	139.829	ON
130123_172226	122	Cleared	32.9	135200	1724	321881.7	1926.626	80.568	140.246	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321881.7	1926.381	79.519	140.218	ON
130123_172226	122	Cleared	32.9	135200	1724	321881.7	1925.752	79.522	140.454	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321881.7	1923.531	79.81	141.151	ON
130123_172226	122	Cleared	32.9	135200	1724	321881.7	1923.07	79.955	141.247	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321881.7	1923.07	79.955	141.247	ON
130123_172226	122	Cleared	32.9	135200	1724	321881.7	1922.055	79.972	141.473	ON
130123_172226	122	ON-LINE	32.9	135200	1724	321911.6	1921.958	79.821	141.491	ON
130123_172226	122	ON-LINE	32.9	135200	1724	321941.6	1919.836	78.348	141.09	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321941.6	1915.445	78.625	140.63	ON
130123_172226	122	Cleared	32.9	135200	1724	321941.6	1915.977	78.286	140.424	ON

130123_172226	122	Yellow Warning	32.9	135200	1724	321941.6	1915.977	78.286	140.424	ON
130123_172226	122	Cleared	32.9	135200	1724	321941.6	1916.897	78.242	140.132	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321941.6	1924.306	82.533	139.779	ON
130123_172226	122	Cleared	32.9	135200	1724	321941.6	1924.6	82.433	139.796	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321941.6	1924.6	82.433	139.796	ON
130123_172226	122	ON-LINE	32.9	135200	1724	321971.6	1924.722	82.279	139.857	ON
130123_172226	122	Cleared	32.9	135200	1724	321971.6	1924.768	82.009	139.88	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321971.6	1924.889	80.207	139.938	ON
130123_172226	122	Cleared	32.9	135200	1724	321971.6	1924.628	80.31	140.013	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321971.6	1921.385	76.586	139.584	ON
130123_172226	122	Cleared	32.9	135200	1724	321971.6	1921.456	76.764	139.506	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	321971.6	1921.456	76.764	139.506	ON
130123_172226	122	Cleared	32.9	135200	1724	321971.6	1920.895	79.721	139.772	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322001.6	1916.517	81.182	141.655	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	322001.6	1909.455	78.835	142.488	ON
130123_172226	122	Cleared	32.9	135200	1724	322001.6	1909.595	78.472	142.382	ON
130123_172226	122	Yellow Warning	32.9	135200	1724	322001.6	1909.721	78.685	142.284	ON
130123_172226	122	Cleared	32.9	135200	1724	322001.6	1910.272	78.679	141.96	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322031.7	1911.259	78.763	141.624	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322061.6	1918.339	79.5	140.05	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322091.7	1910.268	81.241	141.395	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322121.6	1917.553	80.223	140.217	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322151.6	1921.625	78.99	140.471	ON

130123_172226	122	ON-LINE	32.9	135200	1724	322181.6	1911.336	77.935	140.73	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322211.6	1922.857	79.412	139.313	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322241.7	1915.104	80.849	141.788	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322271.6	1930.929	82.735	136.912	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322301.7	1915.32	80.75	141.806	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322331.6	1916.588	78.783	139.887	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322361.6	1923.63	79.881	138.222	ON
130123_172226	122	ON-LINE	32.9	135200	1724	322391.6	1920.006	80.014	139.796	ON
130123_172226	122	OFF	32.9	135200	1724	322404.8	1918.352	80.077	139.649	ON
		Yellow Warning	32.9	135200	1724	322404.8	1918.015	84.368	141.052	ON
		Yellow Warning	32.9	135200	1724	322404.8	1918.015	84.368	141.052	ON
130123_172226	122	Cleared	32.9	135200	1724	322404.8	1917.976	88.479	142.152	ON
130123_172226	122	Cleared	32.9	135200	1724	322404.8	1917.976	88.479	142.152	ON
		Yellow Warning	32.9	135200	1724	322404.8	1917.976	88.479	142.152	ON
		Yellow Warning	32.9	135200	1724	322404.8	1917.976	88.479	142.152	ON
130123_172226	122	Cleared	32.9	135200	1724	322404.8	1918.024	92.875	143.159	ON
130123_172226	122	Cleared	32.9	135200	1724	322404.8	1918.024	92.875	143.159	ON
		OFF-LINE	32.9	135200	1724	322434.6	1867.41	183.407	159.979	ON
		OFF-LINE	32.9	135200	1724	322464.6	1892.446	260.77	127.872	ON
		OFF-LINE	32.9	135200	1724	322494.6	1884.596	318.181	122.208	ON
130123_173507	UL001	ON	32.9	135200	1724	322523.8	1896.454	352.766	129.524	ON
130123_173507	UL001	ON-LINE	32.9	135200	1724	322553.7	1910.745	350.478	129.174	ON
130123_173507	UL001	ON-LINE	32.9	135200	1724	322583.7	1912.955	350.963	131.629	ON
130123_173507	UL001	ON-LINE	32.9	135200	1724	322613.7	1907.131	350.738	133.602	ON
130123_173507	UL001	ON-LINE	32.9	135200	1724	322643.7	1893.486	348.712	135.105	ON
130123_173507	UL001	OFF	32.9	135200	1724	322651.9	1905.39	347.1	131.91	ON

130123_173507	UL001	Yellow Warning	32.9	135200	1724	322651.9	1914.306	340.886	127.55	ON
130123_173507	UL001	Yellow Warning	32.9	135200	1724	322651.9	1914.306	340.886	127.55	ON
130123_173507	UL001	Cleared	32.9	135200	1724	322651.9	1917.458	336.983	125.695	ON
130123_173507	UL001	Cleared	32.9	135200	1724	322651.9	1917.458	336.983	125.695	ON
		OFF-LINE	32.9	135200	1724	322681.7	1901.306	272.442	132.915	ON
		OFF-LINE	32.9	135200	1724	322711.7	1891.816	273.3	133.763	ON
		OFF-LINE	32.9	135200	1724	322741.6	1885.649	272.785	133.882	ON
		OFF-LINE	32.9	135200	1724	322771.7	1906.374	274.785	129.872	ON
		OFF-LINE	32.9	135200	1724	322801.6	1916.661	274.111	130.619	ON
		OFF-LINE	32.9	135200	1724	322831.7	1925.251	271.437	132.266	ON
		OFF-LINE	32.9	135200	1724	322861.6	1919.365	272.059	134.229	ON
		OFF-LINE	32.9	135200	1724	322891.7	1914.712	274.857	134.784	ON
		OFF-LINE	32.9	135200	1724	322921.6	1903.103	268.972	137.552	ON
		OFF-LINE	32.9	135200	1724	322951.6	1909.686	275.389	133.223	ON
		OFF-LINE	32.9	135200	1724	322981.7	1916.924	271.823	133.415	ON
		OFF-LINE	32.9	135200	1724	323011.6	1925.972	271.406	133.119	ON
		OFF-LINE	32.9	135200	1724	323041.7	1932.549	273.315	132.009	ON
		OFF-LINE	32.9	135200	1724	323071.6	1921.681	270.861	136.52	ON
		OFF-LINE	32.9	135200	1724	323101.7	1944.563	192.03	157.428	ON
130123_174453	UL002	ON	32.9	135200	1724	323109.9	1943.269	185.116	159.906	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323109.9	1938.512	187.146	160.1	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323109.9	1938.512	187.146	160.1	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323109.9	1938.512	187.146	160.1	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323109.9	1937.461	187.581	160.104	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323109.9	1936.066	188.07	160.245	ON

130123_174453	UL002	Cleared	32.9	135200	1724	323109.9	1936.066	188.07	160.245	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323109.9	1934.53	187.918	160.461	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323109.9	1916.026	186.672	162.59	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323109.9	1914.451	186.734	162.281	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323109.9	1913.507	186.595	162.134	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323109.9	1912.455	186.825	161.948	ON
130123_174453	UL002	ON-LINE	32.9	135200	1724	323139.6	1909.186	186.511	160.893	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323139.6	1903.419	186.997	154.915	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323139.6	1903.675	187.182	154.367	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323139.6	1903.845	187.799	152.463	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323139.6	1903.845	187.799	152.463	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323139.6	1904.047	187.968	151.976	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323139.6	1904.114	188.178	151.569	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323139.6	1902.621	188.366	149.959	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323139.6	1902.459	188.265	149.692	ON
130123_174453	UL002	ON-LINE	32.9	135200	1724	323169.7	1902.371	188.201	149.564	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323169.7	1901.423	187.4	149.207	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323169.7	1901.423	187.4	149.207	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323169.7	1896.952	186.659	147.794	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323169.7	1900.466	186.518	145.842	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323169.7	1904.861	186.982	143.995	ON
130123_174453	UL002	ON-LINE	32.9	135200	1724	323199.6	1907.886	186.272	147.148	ON
130123_174453	UL002	ON-LINE	32.9	135200	1724	323229.6	1900.604	185.973	158.323	ON

130123_174453	UL002	OFF	32.9	135200	1724	323237.5	1902.534	185.184	158.548	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323237.5	1904.283	185.457	158.598	ON
130123_174453	UL002	Yellow Warning	32.9	135200	1724	323237.5	1904.283	185.457	158.598	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323237.5	1904.713	185.414	158.592	ON
130123_174453	UL002	Cleared	32.9	135200	1724	323237.5	1904.713	185.414	158.592	ON
		OFF-LINE	32.9	135200	1724	323266.6	1895.12	161.4	168.42	ON
		OFF-LINE	32.9	135200	1724	323296.6	1898.456	268.973	127.554	ON
130123_174825	UL003	ON	32.9	135200	1724	323321.8	1866.643	298.921	126.913	ON
130123_174825	UL003	ON-LINE	32.9	135200	1724	323351.6	1862.073	272.012	124.666	ON
130123_174825	UL003	OFF	32.9	135200	1724	323354.1	1867.71	268.856	124.02	ON
130123_174825	UL003	Yellow Warning	32.9	135200	1724	323354.1	1869.581	265.306	124.605	ON
130123_174825	UL003	Yellow Warning	32.9	135200	1724	323354.1	1869.581	265.306	124.605	ON
130123_174825	UL003	Cleared	32.9	135200	1724	323354.1	1868.561	264.281	125.347	ON
130123_174825	UL003	Cleared	32.9	135200	1724	323354.1	1868.561	264.281	125.347	ON
		OFF-LINE	32.9	135200	1724	323383.7	1874.28	279.93	120.378	ON
		OFF-LINE	32.9	135200	1724	323413.6	1906.084	245.337	131.878	ON
		OFF-LINE	32.9	135200	1724	323443.7	1891.671	69.329	157.228	ON
		OFF-LINE	32.9	135200	1724	323473.6	1929.906	46.258	141.713	ON
130123_175108	UL004	ON	32.9	135200	1724	323484.8	1943.801	38.374	137.446	ON
130123_175108	UL004	Yellow Warning	32.9	135200	1724	323484.8	1961.724	89.634	149.818	ON
130123_175108	UL004	Cleared	32.9	135200	1724	323484.8	1970.752	124.331	154.234	ON
130123_175108	UL004	ON-LINE	32.9	135200	1724	323514.7	1952.713	99.958	157.706	ON
130123_175108	UL004	OFF	32.9	135200	1724	323531.9	1937.746	102.964	167.203	ON
130123_175108	UL004	Yellow Warning	32.9	135200	1724	323531.9	1933.814	105.624	169.542	ON
130123_175108	UL004	Yellow	32.9	135200	1724	323531.9	1933.814	105.624	169.542	ON

		Warning								
130123_175108	UL004	Cleared	32.9	135200	1724	323531.9	1934.563	108.459	169.831	ON
130123_175108	UL004	Cleared	32.9	135200	1724	323531.9	1934.563	108.459	169.831	ON
		OFF-LINE	32.9	135200	1724	323561.6	1910.413	212.361	152.821	ON
		OFF-LINE	32.9	135200	1724	323591.7	1913.431	319.755	112.866	ON
130123_175316	UL005	ON	32.9	135200	1724	323612.8	1918.671	343.351	114.999	ON
130123_175316	UL005	ON-LINE	32.9	135200	1724	323642.6	1897.434	334.707	115.652	ON
130123_175316	UL005	OFF	32.9	135200	1724	323646.3	1896.466	333.768	115.154	ON
130123_175316	UL005	Yellow Warning	32.9	135200	1724	323646.3	1893.977	327.174	113.73	ON
130123_175316	UL005	Yellow Warning	32.9	135200	1724	323646.3	1893.977	327.174	113.73	ON
130123_175316	UL005	Cleared	32.9	135200	1724	323646.3	1892.517	323.492	113.514	ON
130123_175316	UL005	Cleared	32.9	135200	1724	323646.3	1892.517	323.492	113.514	ON
		OFF-LINE	32.9	135200	1724	323675.6	1815.911	256.925	138.483	ON
		Yellow Warning	32.9	135200	1724	323675.6	1753.832	253.955	123.063	ON
		OFF-LINE	32.9	135200	1724	323705.6	1744.407	253.881	123.303	ON
	UL001	Cleared	32.9	135200	1724	323705.6	1588.721	269.792	125.676	ON
		OFF-LINE	32.9	135200	1724	323735.7	1568.508	288.873	114.581	ON
		OFF-LINE	32.9	135200	1724	323765.6	1393.454	312.573	118.009	ON
		OFF-LINE	32.9	135200	1724	323795.6	1153.612	325.574	126.259	ON
		OFF-LINE	32.9	135200	1724	323825.6	1013.428	64.136	142.774	ON
		OFF-LINE	32.9	135200	1724	323855.7	808.969	72.511	145.196	ON
		OFF-LINE	32.9	135200	1724	323885.6	611.642	66.499	138.905	ON
		OFF-LINE	32.9	135200	1724	323915.7	401.311	68.447	138.6	ON
		OFF-LINE	32.9	135200	1724	323945.6	275.168	11.714	120.5	ON
		OFF-LINE	32.9	135200	1724	323975.6	253.376	254.143	87.898	ON
		OFF-LINE	32.9	135200	1724	324005.6	64.429	245.861	87.859	ON
		OFF-LINE	32.9	135200	1724	324035.6	-3.359	242.323	55.119	ON

		OFF-LINE	32.9	135200	1724	324065.7	-4.456	63.889	7.555	ON
		OFF-LINE	32.9	135200	1724	324095.6	-4.772	62.297	28.805	ON
		OFF-LINE	32.9	135200	1724	324125.7	-5.093	69.355	13.257	ON
		OFF-LINE	32.9	135200	1724	324155.6	-4.348	178.366	17.883	ON
		OFF-LINE	32.9	135200	1724	324185.6	-2.802	178.219	12.707	ON
		OFF-LINE	32.9	135200	1724	324215.6	-1.336	120.332	0.224	ON
		OFF-LINE	32.9	135200	1724	324245.6	-0.933	120.305	0.044	ON
		OFF-LINE	32.9	135200	1724	324275.6	-0.832	120.276	0.062	ON
		OFF-LINE	32.9	135200	1724	324305.6	-0.725	120.245	0.034	ON
		OFF-LINE	32.9	135200	1724	324335.7	-0.676	120.34	0.038	ON
		OFF-LINE	32.9	135200	1724	324365.6	-0.63	120.288	0.044	ON
		OFF-LINE	32.9	135200	1724	324395.6	-0.617	119.991	0.031	ON
		OFF-LINE	32.9	135200	1724	324425.6	-0.639	119.955	0.049	ON
		OFF-LINE	32.9	135200	1724	324455.6	-0.651	119.886	0.035	ON
		OFF-LINE	32.9	135200	1724	324485.6	-0.676	119.918	0.039	ON
		OFF-LINE	32.9	135200	1724	324515.6	-0.703	119.944	0.039	ON
		OFF-LINE	32.9	135200	1724	324545.7	-0.747	119.883	0.025	ON
		OFF-LINE	32.9	135200	1724	324575.6	-0.799	119.867	0.041	ON
		OFF-LINE	32.9	135200	1724	324605.6	-0.842	119.918	0.033	ON
		OFF-LINE	32.9	135200	1724	324635.6	-0.88	119.822	0.02	ON
130123_175316	LASETEST	OFF	32.9	135200	1724	324650	-0.9	119.866	0.051	ON
		OFF-LINE	10	50000	1724	324679.6	-0.952	119.84	0.04	ON

JD12023_3

LINE ID	LINE	ON/OFF	SET	PULSERATE	WEEK	SECONDS	ALT	HEADING	SPEED(knots)	ROLL
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	NUMBER		SCAN RATE		NUM	OF WEEK				COMP
		OFF-LINE	1	100000	1724	334866.8	-3.957	79.906	0.014	ON
		OFF-LINE	1	100000	1724	334896.7	-3.922	79.838	0.056	ON
130123_210142	BITTEST	OFF	10	50000	1724	334921.1	-3.952	79.863	0.047	ON
130123_210145	BITTEST	ON	10	50000	1724	334921.3	-3.951	79.857	0.062	ON
130123_210145	BITTEST	OFF	10	50000	1724	334925.2	-3.957	79.879	0.016	ON
130123_210203	LASETEST	ON	10	50000	1724	334939.8	-3.976	79.867	0.025	ON
130123_210203	LASETEST	OFF	10	50000	1724	334943.2	-3.976	79.809	0.01	ON
		OFF-LINE	32.9	135200	1724	334972.8	-3.996	79.818	0.017	ON
		OFF-LINE	32.9	135200	1724	335002.8	-4.243	138.794	1.812	ON
		OFF-LINE	32.9	135200	1724	335032.8	-4.4	193.065	4.707	ON
		OFF-LINE	32.9	135200	1724	335062.8	-4.024	264.989	0.026	ON
		OFF-LINE	32.9	135200	1724	335092.8	-3.985	264.941	0.022	ON
		OFF-LINE	32.9	135200	1724	335122.8	-3.893	264.892	0.022	ON
		OFF-LINE	32.9	135200	1724	335152.8	-3.759	266.378	0.056	ON
		OFF-LINE	32.9	135200	1724	335182.8	-3.737	270.98	0.034	ON
		OFF-LINE	32.9	135200	1724	335212.8	-3.746	273.585	0.039	ON
		OFF-LINE	32.9	135200	1724	335242.8	-3.753	274.859	0.024	ON
		OFF-LINE	32.9	135200	1724	335272.8	-3.796	276.044	0.024	ON
		OFF-LINE	32.9	135200	1724	335302.8	-3.804	276.793	0.015	ON
		OFF-LINE	32.9	135200	1724	335332.8	-3.804	277.291	0.018	ON
		OFF-LINE	32.9	135200	1724	335362.8	-3.761	358.612	8.113	ON
		OFF-LINE	32.9	135200	1724	335392.8	-3.48	2.584	13.79	ON
		OFF-LINE	32.9	135200	1724	335422.8	-3.815	5.653	12.871	ON
		OFF-LINE	32.9	135200	1724	335452.8	-4.436	345.995	10.68	ON
		OFF-LINE	32.9	135200	1724	335482.8	-4.741	243.374	64.329	ON
		OFF-LINE	32.9	135200	1724	335512.8	65.827	247.001	79.463	ON
		OFF-LINE	32.9	135200	1724	335542.8	160.178	194.493	91.692	ON

		OFF-LINE	30.5	82700	1724	335572.8	283.906	105.832	109.264	ON
		OFF-LINE	32.9	135200	1724	335602.8	420.795	64.676	105.504	ON
		OFF-LINE	32.9	135200	1724	335632.8	512.304	62.614	114.48	ON
		OFF-LINE	32.9	135200	1724	335662.8	633.307	73.966	116.455	ON
		OFF-LINE	32.9	135200	1724	335692.8	734.432	96.175	120.332	ON
		OFF-LINE	32.9	135200	1724	335722.8	811.256	90.701	121.322	ON
		OFF-LINE	32.9	135200	1724	335752.8	911.197	93.83	118.624	ON
		OFF-LINE	32.9	135200	1724	335782.8	994.26	97.611	126.595	ON
		OFF-LINE	32.9	135200	1724	335812.8	1116.956	68.906	119.934	ON
		OFF-LINE	32.9	135200	1724	335842.8	1189.827	84.9	130.547	ON
		OFF-LINE	32.9	135200	1724	335872.8	1289.765	97.944	130.404	ON
		OFF-LINE	32.9	135200	1724	335902.8	1387.882	96.587	131.164	ON
		OFF-LINE	32.9	135200	1724	335932.8	1471.113	91.857	135.106	ON
		OFF-LINE	32.9	135200	1724	335962.7	1572.993	84.774	132.307	ON
		OFF-LINE	32.9	135200	1724	335992.8	1675.95	85.209	135.23	ON
		OFF-LINE	32.9	135200	1724	336022.7	1757.73	86.083	138.348	ON
		OFF-LINE	32.9	135200	1724	336052.8	1851.507	90.511	139.795	ON
		OFF-LINE	32.9	135200	1724	336082.8	1920.996	89.7	142.909	ON
		OFF-LINE	32.9	135200	1724	336112.8	1918.101	10.017	119.034	ON
		OFF-LINE	32.9	135200	1724	336142.8	1923.383	63.546	145.402	ON
		OFF-LINE	32.9	135200	1724	336172.8	1939.98	152.913	160.373	ON
		OFF-LINE	32.9	135200	1724	336202.8	1931.705	97.954	158.057	ON
		OFF-LINE	32.9	135200	1724	336232.8	1942.023	99.554	161.913	ON
		OFF-LINE	32.9	135200	1724	336262.8	1937.231	127.28	167.449	ON
		OFF-LINE	32.9	135200	1724	336292.8	1926.768	222.782	142.801	ON
		OFF-LINE	32.9	135200	1724	336322.8	1880.028	266.608	130.666	ON
		OFF-LINE	32.9	135200	1724	336352.8	1913.128	277.429	118.388	ON
130123_212553	130	ON	32.9	135200	1724	336369.8	1915.076	279.252	121.136	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336399.8	1905.278	278.992	124.88	ON

130123_212553	130	Yellow Warning	32.9	135200	1724	336399.8	1892.725	276.17	126.946	ON
130123_212553	130	Cleared	32.9	135200	1724	336399.8	1892.63	275.672	126.973	ON
		Yellow								
130123_212553	130	Warning	32.9	135200	1724	336399.8	1892.63	275.672	126.973	ON
130123_212553	130	Cleared	32.9	135200	1724	336399.8	1892.546	275.553	127.025	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336429.8	1891.682	277.025	127.011	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336459.8	1914.528	277.115	121.123	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336489.8	1922.528	279.382	124.14	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336519.8	1910.497	276.409	128.254	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336549.8	1954.499	279.546	123.066	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336579.7	1937.016	276.263	130.223	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336609.8	1925.149	276.104	131.114	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336639.8	1915.237	275.727	131.624	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336669.8	1913.811	277.895	129.993	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336699.8	1917.868	275.845	127.973	ON
		Yellow								
130123_212553	130	Warning	32.9	135200	1724	336699.8	1917.23	277.447	127.812	ON
130123_212553	130	Cleared	32.9	135200	1724	336699.8	1919.72	275.786	127.462	ON
		Yellow								
130123_212553	130	Warning	32.9	135200	1724	336699.8	1922.746	275.273	127.377	ON
130123_212553	130	Cleared	32.9	135200	1724	336699.8	1923.956	275.233	127.351	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336729.8	1929.159	279.361	127.023	ON
		Yellow								
130123_212553	130	Warning	32.9	135200	1724	336729.8	1932.526	278.093	126.208	ON
		Yellow								
130123_212553	130	Warning	32.9	135200	1724	336729.8	1933.877	277.175	126.089	ON
		Yellow								
130123_212553	130	Warning	32.9	135200	1724	336729.8	1933.877	277.175	126.089	ON
130123_212553	130	Cleared	32.9	135200	1724	336729.8	1949.105	277.26	124.214	ON
130123_212553	130	Cleared	32.9	135200	1724	336729.8	1949.105	277.26	124.214	ON

130123_212553	130	Yellow Warning	32.9	135200	1724	336729.8	1951.236	275.649	123.649	ON
130123_212553	130	Yellow Warning	32.9	135200	1724	336729.8	1951.236	275.649	123.649	ON
130123_212553	130	ON-LINE	32.9	135200	1724	336759.8	1954.641	273.264	122.987	ON
130123_212553	130	Cleared	32.9	135200	1724	336759.8	1954.641	273.264	122.987	ON
130123_212553	130	OFF	32.9	135200	1724	336759.9	1954.719	273.24	122.965	ON
130123_212553	130	Yellow Warning	32.9	135200	1724	336759.9	1955.423	273.259	122.74	ON
130123_212553	130	Cleared	32.9	135200	1724	336759.9	1954.578	279.654	121.27	ON
130123_212553	130	Cleared	32.9	135200	1724	336759.9	1954.578	279.654	121.27	ON
130123_212553	130	Yellow Warning	32.9	135200	1724	336759.9	1952.738	279.129	121.353	ON
130123_212553	130	Yellow Warning	30	123300	1724	336759.9	1951.401	278.12	121.516	ON
130123_212553	130	Cleared	30	123300	1724	336759.9	1950.241	277.978	121.668	ON
130123_212553	130	Cleared	30	123300	1724	336759.9	1950.241	277.978	121.668	ON
130123_212553	130	Cleared	30	123300	1724	336759.9	1950.241	277.978	121.668	ON
130123_212553	130	Yellow Warning	30	123300	1724	336759.9	1950.241	277.978	121.668	ON
130123_212553	130	Yellow Warning	30	123300	1724	336759.9	1950.241	277.978	121.668	ON
130123_212553	130	Cleared	30	123300	1724	336759.9	1949.765	278.238	121.743	ON
130123_212553	130	Cleared	30	123300	1724	336759.9	1949.765	278.238	121.743	ON
		OFF-LINE	30	123300	1724	336789.7	1956.534	306.636	115.719	ON
		OFF-LINE	30	123300	1724	336819.8	2016.588	28.813	136.092	ON
		OFF-LINE	30	123300	1724	336849.7	2024.496	86.074	166.285	ON
		OFF-LINE	30	123300	1724	336879.8	1981.963	84.484	175.364	ON
		OFF-LINE	32.9	135200	1724	336909.8	1976.077	82.712	169.65	ON
		OFF-LINE	32.9	135200	1724	336939.8	1934.048	83.412	157.924	ON
		OFF-LINE	32.9	135200	1724	336969.8	1916.434	79.211	149.932	ON

		OFF-LINE	32.9	135200	1724	336999.7	1916.164	136.344	147.323	ON
130123_213647	UL001	ON	32.9	135200	1724	337024	1899.463	194.029	134.341	ON
130123_213647	UL001	OFF	32.9	135200	1724	337043.1	1891.084	187.968	137.326	ON
130123_213647	UL001	Yellow Warning	32.9	135200	1724	337043.1	1888.89	187.945	138.477	ON
130123_213647	UL001	Yellow Warning	32.9	135200	1724	337043.1	1888.89	187.945	138.477	ON
130123_213647	UL001	Cleared	32.9	135200	1724	337043.1	1889.221	186.175	139.224	ON
130123_213647	UL001	Cleared	32.9	135200	1724	337043.1	1889.221	186.175	139.224	ON
		OFF-LINE	32.9	135200	1724	337072.8	1804.884	108.779	151.996	ON
		OFF-LINE	32.9	135200	1724	337102.8	1677.624	44.11	134.173	ON
		OFF-LINE	32.9	135200	1724	337132.7	1569.516	354.235	108.205	ON
		OFF-LINE	32.9	135200	1724	337162.8	1429.846	305.092	105.284	ON
		OFF-LINE	32.9	135200	1724	337192.7	1291.501	286.071	110.899	ON
		OFF-LINE	32.9	135200	1724	337222.8	1168.395	285.593	111.708	ON
		OFF-LINE	32.9	135200	1724	337252.7	1021.206	291.363	118.892	ON
		OFF-LINE	32.9	135200	1724	337282.8	883.482	296.65	122.011	ON
		OFF-LINE	32.9	135200	1724	337312.8	781.651	303.862	119.474	ON
		OFF-LINE	32.9	135200	1724	337342.7	680.661	311.552	121.471	ON
		OFF-LINE	32.9	135200	1724	337372.8	577.475	304.59	118.124	ON
		OFF-LINE	32.9	135200	1724	337402.7	507.708	273.862	111.247	ON
		OFF-LINE	32.9	135200	1724	337432.8	426.523	274.004	110.154	ON
		OFF-LINE	32.9	135200	1724	337462.7	352.884	272.725	113.166	ON
		OFF-LINE	32.9	135200	1724	337492.8	309.391	273.555	111.48	ON
		OFF-LINE	32.9	135200	1724	337522.7	299.297	278.423	113.903	ON
		OFF-LINE	32.9	135200	1724	337552.7	289.912	277.443	110.562	ON
		OFF-LINE	32.9	135200	1724	337582.7	287.565	280.356	106.21	ON
		OFF-LINE	32.9	135200	1724	337612.8	244.01	243.982	105.429	ON
		OFF-LINE	32.9	135200	1724	337642.8	197.304	244.936	88.842	ON
		OFF-LINE	32.9	135200	1724	337672.7	123.181	244.647	77.775	ON

		OFF-LINE	32.9	135200	1724	337702.8	51.49	243.983	79.024	ON
		OFF-LINE	32.9	135200	1724	337732.7	-3.582	246.648	41.551	ON
		OFF-LINE	32.9	135200	1724	337762.8	-3.962	61.033	13.845	ON
		OFF-LINE	32.9	135200	1724	337792.7	-4.69	61.832	25.875	ON
		OFF-LINE	32.9	135200	1724	337822.8	-4.445	135.403	8.342	ON
		OFF-LINE	32.9	135200	1724	337852.7	-4.016	180.595	12.659	ON
		OFF-LINE	32.9	135200	1724	337882.8	-3.19	179.777	13.709	ON
		OFF-LINE	32.9	135200	1724	337912.7	-3.16	112.088	2.263	ON
		OFF-LINE	32.9	135200	1724	337942.8	-2.317	103.592	0.229	ON
		OFF-LINE	32.9	135200	1724	337972.7	-2.206	103.523	0.081	ON
		OFF-LINE	32.9	135200	1724	338002.8	-2.93	103.483	0.196	ON
		OFF-LINE	32.9	135200	1724	338032.8	-3.011	103.404	0.066	ON
		OFF-LINE	32.9	135200	1724	338062.8	-3.021	103.364	0.075	ON
		OFF-LINE	32.9	135200	1724	338092.8	-3.063	103.323	0.052	ON
		OFF-LINE	32.9	135200	1724	338122.8	-3.079	103.306	0.053	ON
		OFF-LINE	32.9	135200	1724	338152.8	-3.102	103.409	0.055	ON
		OFF-LINE	32.9	135200	1724	338182.8	-3.127	103.423	0.034	ON
		OFF-LINE	32.9	135200	1724	338212.8	-3.15	103.435	0.041	ON
		OFF-LINE	32.9	135200	1724	338242.8	-3.169	103.409	0.04	ON
		OFF-LINE	32.9	135200	1724	338272.8	-3.19	103.362	0.042	ON
130123_213647	LASETEST	OFF	32.9	135200	1724	338298.2	-3.205	103.359	0.035	ON
		OFF-LINE	10	50000	1724	338327.8	-3.185	103.396	0.021	ON

JD13024_1

LINE ID	LINE	ON/OFF	SET	PULSERATE	WEEK	SECONDS	ALT	HEADING	SPEED(knots)	ROLL
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	NUMBER		SCAN RATE		NUM	OF WEEK				COMP
		OFF-LINE	1	100000	1724	397802.2	-2.753	330.136	0.05	ON
		OFF-LINE	1	100000	1724	397832.2	-1.952	330.087	0.019	ON
130124_143038	BITTEST	OFF	10	100000	1724	397856.6	-0.495	329.875	0.024	ON
130124_143040	BITTEST	ON	10	100000	1724	397856.9	-0.488	329.9	0.03	ON
130124_143040	BITTEST	OFF	10	50000	1724	397860.8	-0.46	329.899	0.047	ON
130124_143103	LASETEST	ON	10	50000	1724	397879.8	-0.362	329.869	0.049	ON
130124_143103	LASETEST	OFF	10	50000	1724	397882.8	-0.36	329.865	0.05	ON
		OFF-LINE	32.9	135200	1724	397912.2	0.026	5.401	10.127	ON
		OFF-LINE	32.9	135200	1724	397942.3	-1.027	314.305	0.697	ON
		OFF-LINE	32.9	135200	1724	397972.2	-1.758	313.965	0.051	ON
		OFF-LINE	32.9	135200	1724	398002.3	-1.742	313.957	0.023	ON
		OFF-LINE	32.9	135200	1724	398032.3	-1.524	313.887	0.006	ON
		OFF-LINE	30.5	82700	1724	398062.3	-1.818	313.927	0.032	ON
		OFF-LINE	30.5	82700	1724	398092.3	-1.864	311.531	0.058	ON
		OFF-LINE	32.9	135200	1724	398122.2	-1.752	307.477	0.082	ON
		OFF-LINE	32.9	135200	1724	398152.3	-1.65	305.104	0.054	ON
		OFF-LINE	32.9	135200	1724	398182.2	-1.604	303.361	0.045	ON
		OFF-LINE	32.9	135200	1724	398212.3	-1.525	302.553	0.044	ON
		OFF-LINE	32.9	135200	1724	398242.2	-1.407	301.895	0.012	ON
		OFF-LINE	32.9	135200	1724	398272.3	-1.324	0.536	11.896	ON
		OFF-LINE	32.9	135200	1724	398302.2	-0.41	359.774	11.215	ON
		OFF-LINE	32.9	135200	1724	398332.3	-0.181	1.561	6.453	ON
		OFF-LINE	32.9	135200	1724	398362.3	-0.348	320.691	0.15	ON
		OFF-LINE	32.9	135200	1724	398392.2	-0.471	295.781	7.811	ON
		OFF-LINE	32.9	135200	1724	398422.3	3.321	240.712	74.889	ON
		OFF-LINE	32.9	135200	1724	398452.2	100.131	235.124	78.882	ON
		OFF-LINE	32.9	135200	1724	398482.3	201.636	156.001	108.551	ON

		OFF-LINE	32.9	135200	1724	398512.2	303.303	125.328	119.355	ON
		OFF-LINE	32.9	135200	1724	398542.3	403.821	105.841	123.538	ON
		OFF-LINE	32.9	135200	1724	398572.2	510.363	87.495	123.995	ON
		OFF-LINE	32.9	135200	1724	398602.2	599.51	77.346	130.402	ON
		OFF-LINE	32.9	135200	1724	398632.3	702.124	75.172	131.411	ON
		OFF-LINE	32.9	135200	1724	398662.2	786.373	77.074	137.742	ON
		OFF-LINE	32.9	135200	1724	398692.3	877.627	72.63	137.532	ON
		OFF-LINE	32.9	135200	1724	398722.2	979.515	76.916	135.038	ON
		OFF-LINE	32.9	135200	1724	398752.3	1075.411	77.944	132.642	ON
		OFF-LINE	32.9	135200	1724	398782.2	1156.431	84.543	135.75	ON
		OFF-LINE	32.9	135200	1724	398812.3	1252.251	80.2	133.679	ON
		OFF-LINE	32.9	135200	1724	398842.2	1339.912	79.603	134.512	ON
		OFF-LINE	32.9	135200	1724	398872.2	1413.683	117.315	144.284	ON
		OFF-LINE	32.9	135200	1724	398902.3	1508.626	127.127	138.326	ON
		OFF-LINE	32.9	135200	1724	398932.2	1604.196	48.71	122.354	ON
		OFF-LINE	32.9	135200	1724	398962.3	1701.152	19.001	112.678	ON
		OFF-LINE	32.9	135200	1724	398992.2	1784.131	95.956	130.865	ON
		OFF-LINE	32.9	135200	1724	399022.3	1878.167	166.352	124.726	ON
		OFF-LINE	32.9	135200	1724	399052.2	1957.985	244.261	108.904	ON
		OFF-LINE	32.9	135200	1724	399082.2	2001.322	262.505	106.918	ON
		OFF-LINE	32.9	135200	1724	399112.3	1932.916	265.2	130.954	ON
		OFF-LINE	32.9	135200	1724	399142.2	1906.411	243.675	135.596	ON
		OFF-LINE	32.9	135200	1724	399172.3	1914.794	269.388	129.655	ON
		OFF-LINE	32.9	135200	1724	399202.2	1930.118	270.537	127.609	ON
		OFF-LINE	32.9	135200	1724	399232.3	1915.469	268.046	131.363	ON
		OFF-LINE	32.9	135200	1724	399262.2	1912.697	267.297	131.077	ON
130124_145418	130	ON	32.9	135200	1724	399274.1	1917.358	268.683	131.092	ON
130124_145418	130	ON-LINE	32.9	135200	1724	399303.3	1933.874	268.137	129.539	ON
130124_145418	130	ON-LINE	32.9	135200	1724	399333.2	1937.04	269.336	130.282	ON

130124_145418	130	ON-LINE	32.9	135200	1724	399363.2	1929.984	267.641	132.826	ON
130124_145418	130	ON-LINE	32.9	135200	1724	399393.2	1915.963	267.613	135.432	ON
130124_145418	130	ON-LINE	32.9	135200	1724	399423.2	1920.079	269.39	134.378	ON
130124_145418	130	ON-LINE	32.9	135200	1724	399453.3	1916.931	270.904	136.43	ON
130124_145418	130	ON-LINE	32.9	135200	1724	399483.2	1922.87	268.594	136.013	ON
130124_145418	130	ON-LINE	32.9	135200	1724	399513.3	1923.172	268.439	136.888	ON
130124_145418	130	ON-LINE	32.9	135200	1724	399543.2	1924.863	267.764	136.23	ON
130124_145418	130	ON-LINE	32.9	135200	1724	399573.3	1928.84	268.745	135.026	ON
130124_145418	130	ON-LINE	32.9	135200	1724	399603.2	1928.498	268.841	135.211	ON
130124_145418	130	ON-LINE	32.9	135200	1724	399633.2	1924.226	268.866	135.49	ON
130124_145418	130	Yellow Warning	32.9	135200	1724	399633.2	1919.638	269.659	135.902	ON
130124_145418	130	Yellow Warning	32.9	135200	1724	399633.2	1919.619	269.889	135.851	ON
130124_145418	130	Cleared	32.9	135200	1724	399633.2	1919.542	270.025	135.818	ON
130124_145418	130	Cleared	32.9	135200	1724	399633.2	1919.574	269.939	135.778	ON
130124_145418	130	OFF	32.9	135200	1724	399654.9	1921.512	269.269	135.341	ON
130124_145418	130	Yellow Warning	32.9	135200	1724	399654.9	1924.399	267.682	134.792	ON
130124_145418	130	Cleared	32.9	135200	1724	399654.9	1925.595	267.053	134.523	ON
130124_145418	130	Yellow Warning	32.9	135200	1724	399654.9	1925.595	267.053	134.523	ON
130124_145418	130	Yellow Warning	32.9	135200	1724	399654.9	1925.595	267.053	134.523	ON
130124_145418	130	Cleared	30	123300	1724	399654.9	1926.787	265.997	134.251	ON
130124_145418	130	Cleared	30	123300	1724	399654.9	1926.787	265.997	134.251	ON
		OFF-LINE	32.9	135200	1724	399684.2	1921.535	240.062	136.294	ON
		OFF-LINE	32.9	135200	1724	399714.3	1936.495	309.478	138.107	ON
		OFF-LINE	32.9	135200	1724	399744.2	1922.761	72.793	163.571	ON
		OFF-LINE	32.9	135200	1724	399774.2	1919.38	88.947	155.458	ON

130124_150247	129	ON	32.9	135200	1724	399783.9	1912.407	96.831	155.938	ON
130124_150247	129	Yellow Warning	32.9	135200	1724	399783.9	1923.787	86.424	148.993	ON
130124_150247	129	Cleared	32.9	135200	1724	399783.9	1924.789	86.31	148.166	ON
130124_150247	129	ON-LINE	32.9	135200	1724	399813.2	1929.029	93.278	143.189	ON
130124_150247	129	ON-LINE	32.9	135200	1724	399843.3	1931.149	92.278	142.863	ON
130124_150247	129	ON-LINE	32.9	135200	1724	399873.2	1933.939	87.958	142.912	ON
130124_150247	129	ON-LINE	32.9	135200	1724	399903.2	1931.583	90.897	143.397	ON
130124_150247	129	ON-LINE	32.9	135200	1724	399933.2	1933.395	89.763	142.029	ON
130124_150247	129	ON-LINE	32.9	135200	1724	399963.2	1930.051	89.756	141.903	ON
130124_150247	129	ON-LINE	32.9	135200	1724	399993.3	1931.361	90.949	140.896	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400023.2	1929.389	89.948	141.449	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400053.3	1930.65	88.421	139.966	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400083.2	1921.258	88.889	140.818	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400113.2	1919.33	90.701	139.943	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400143.2	1908.477	88.419	142.287	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400173.2	1915.9	88.929	139.106	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400203.2	1907.997	88.097	140.468	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400233.2	1912.158	89.764	138.321	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400263.3	1907.898	90.99	139.221	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400293.2	1912.933	91.188	137.732	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400323.2	1915.496	89.589	138.984	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400353.2	1917.146	88.309	140.165	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400383.2	1911.791	88.665	141.103	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400413.2	1910.015	88.949	141.204	ON
130124_150247	129	ON-LINE	32.9	135200	1724	400443.2	1906.054	91.783	140.565	ON
130124_150247	129	OFF	32.9	135200	1724	400449.7	1904.67	92.166	140.893	ON
130124_150247	129	Yellow Warning	32.9	135200	1724	400449.7	1903.848	94.252	140.771	ON
130124_150247	129	Yellow	32.9	135200	1724	400449.7	1903.848	94.252	140.771	ON

		Warning								
130124_150247	129	Cleared	32.9	135200	1724	400449.7	1903.493	96.977	140.585	ON
130124_150247	129	Cleared	32.9	135200	1724	400449.7	1903.493	96.977	140.585	ON
		OFF-LINE	32.9	135200	1724	400479.2	1898.78	134.609	133.748	ON
		OFF-LINE	32.9	135200	1724	400509.2	1919.959	343.176	127.607	ON
		OFF-LINE	32.9	135200	1724	400539.2	1910.754	284.573	121.175	ON
		OFF-LINE	32.9	135200	1724	400569.2	1930.674	268.235	122.333	ON
130124_151620	128	ON	32.9	135200	1724	400596.8	1920.997	266.541	128.571	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400626.2	1933.689	268.414	127.89	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400656.2	1928	266.714	131.496	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400686.2	1927.615	266.878	132.07	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400716.2	1924.493	265.672	133.363	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400746.2	1923.8	265.593	133.338	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400776.2	1917.564	267.41	134.148	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400806.1	1923.165	268.052	133.062	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400836.2	1921.327	267.05	134.155	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400866.2	1920.999	268.613	133.767	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400896.2	1923.793	267.477	133.547	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400926.2	1927.656	268.544	132.941	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400956.2	1923.161	267.358	135.268	ON
130124_151620	128	ON-LINE	32.9	135200	1724	400986.2	1922.102	269.388	134.891	ON
130124_151620	128	ON-LINE	32.9	135200	1724	401016.2	1925.743	267.546	135.056	ON
130124_151620	128	ON-LINE	32.9	135200	1724	401046.2	1926.584	267.513	134.28	ON
130124_151620	128	ON-LINE	32.9	135200	1724	401076.1	1940.489	268.277	130.608	ON
130124_151620	128	ON-LINE	32.9	135200	1724	401106.2	1927.733	267.404	133.243	ON
130124_151620	128	ON-LINE	32.9	135200	1724	401136.1	1935.053	268.989	131.549	ON
130124_151620	128	ON-LINE	32.9	135200	1724	401166.2	1942.63	264.748	131.1	ON
130124_151620	128	ON-LINE	32.9	135200	1724	401196.3	1948.312	267.341	131.316	ON
130124_151620	128	ON-LINE	32.9	135200	1724	401226.2	1939.907	268.221	132.842	ON

130124_151620	128	Yellow Warning	32.9	135200	1724	401226.2	1943.753	268.23	132.11	ON
130124_151620	128	Cleared	32.9	135200	1724	401226.2	1943.964	268.256	132.074	ON
130124_151620	128	ON-LINE	32.9	135200	1724	401256.3	1943.925	268.139	132.072	ON
130124_151620	128	Yellow Warning	32.9	135200	1724	401256.3	1942.431	267.438	131.837	ON
130124_151620	128	Cleared	32.9	135200	1724	401256.3	1942.063	267.31	131.878	ON
130124_151620	128	OFF	32.9	135200	1724	401278.1	1940.547	267.179	132.104	ON
130124_151620	128	Yellow Warning	32.9	135200	1724	401278.1	1942.042	267.05	131.711	ON
130124_151620	128	Yellow Warning	32.9	135200	1724	401278.1	1942.042	267.05	131.711	ON
130124_151620	128	Cleared	32.9	135200	1724	401278.1	1942.693	265.597	131.552	ON
130124_151620	128	Cleared	32.9	135200	1724	401278.1	1942.693	265.597	131.552	ON
		OFF-LINE	32.9	135200	1724	401307.2	1926.614	241.408	132.224	ON
		OFF-LINE	32.9	135200	1724	401337.2	1932.427	323.542	127.913	ON
		OFF-LINE	32.9	135200	1724	401367.2	1946.937	82.305	144.712	ON
		OFF-LINE	32.9	135200	1724	401397.3	1923.437	84.872	146.563	ON
130124_152943	127	ON	32.9	135200	1724	401399.2	1923.21	84.206	146.253	ON
130124_152943	127	Yellow Warning	32.9	135200	1724	401399.2	1926.025	89.777	145.069	ON
130124_152943	127	Cleared	32.9	135200	1724	401399.2	1926.748	90.205	144.834	ON
130124_152943	127	Yellow Warning	32.9	135200	1724	401399.2	1927.072	86.34	144.256	ON
130124_152943	127	Cleared	32.9	135200	1724	401399.2	1926.761	87.231	144.193	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401428.2	1934.038	92.212	141.64	ON
130124_152943	127	Yellow Warning	32.9	135200	1724	401428.2	1933.614	90.183	142.459	ON
130124_152943	127	Cleared	32.9	135200	1724	401428.2	1932.656	89.532	142.695	ON
130124_152943	127	Yellow Warning	32.9	135200	1724	401428.2	1932.656	89.532	142.695	ON

130124_152943	127	Cleared	32.9	135200	1724	401428.2	1932.246	88.329	142.82	ON
130124_152943	127	Yellow Warning	32.9	135200	1724	401428.2	1931.327	88.17	142.99	ON
130124_152943	127	Cleared	32.9	135200	1724	401428.2	1931.327	88.506	142.985	ON
130124_152943	127	Yellow Warning	32.9	135200	1724	401428.2	1931.327	88.506	142.985	ON
130124_152943	127	Cleared	32.9	135200	1724	401428.2	1931.612	88.612	142.899	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401458.3	1931.759	88.842	142.87	ON
130124_152943	127	Yellow Warning	32.9	135200	1724	401458.3	1931.988	89.492	142.841	ON
130124_152943	127	Cleared	32.9	135200	1724	401458.3	1932.112	89.643	142.822	ON
130124_152943	127	Yellow Warning	32.9	135200	1724	401458.3	1932.112	89.643	142.822	ON
130124_152943	127	Cleared	32.9	135200	1724	401458.3	1932.182	89.804	142.806	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401488.2	1931.449	89.618	141.477	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401518.2	1932.954	90.124	142.526	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401548.2	1922.299	90.181	143.627	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401578.2	1925.607	89.095	141.957	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401608.3	1923.733	87.646	141.569	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401638.2	1921.512	88.234	140.829	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401668.3	1919.535	86.853	140.969	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401698.2	1918.807	88.899	140.79	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401728.3	1929.248	89.629	139.509	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401758.2	1924.265	90.885	140.803	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401788.3	1923.099	87.684	140.476	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401818.2	1920.13	89.378	141.031	ON
130124_152943	127	Yellow Warning	32.9	135200	1724	401818.2	1920.496	87.226	141.21	ON
130124_152943	127	Yellow Warning	32.9	135200	1724	401818.2	1920.607	87.873	141.236	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401848.2	1920.407	87.151	141.225	ON

130124_152943	127	Cleared	32.9	135200	1724	401848.2	1921.377	88.58	140.918	ON
130124_152943	127	Cleared	32.9	135200	1724	401848.2	1921.377	88.58	140.918	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401878.2	1923.549	88.433	139.584	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401908.2	1921.295	88.732	140.606	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401938.3	1918.347	88.891	140.151	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401968.2	1920.959	89.072	138.822	ON
130124_152943	127	ON-LINE	32.9	135200	1724	401998.3	1916.145	88.983	140.166	ON
130124_152943	127	ON-LINE	32.9	135200	1724	402028.2	1915.987	87.969	139.653	ON
130124_152943	127	OFF	32.9	135200	1724	402040.2	1915.838	88.714	140.257	ON
		Yellow Warning	32.9	135200	1724	402040.2	1916.705	88.55	140.23	ON
		Yellow Warning	32.9	135200	1724	402040.2	1916.705	88.55	140.23	ON
130124_152943	127	Cleared	32.9	135200	1724	402040.2	1916.541	88.88	140.331	ON
130124_152943	127	Cleared	32.9	135200	1724	402040.2	1916.541	88.88	140.331	ON
		OFF-LINE	32.9	135200	1724	402069.3	1916.609	119.095	148.289	ON
		OFF-LINE	32.9	135200	1724	402099.2	1901.375	68.717	159.798	ON
		OFF-LINE	32.9	135200	1724	402129.2	1917.309	296.533	121.936	ON
		OFF-LINE	32.9	135200	1724	402159.2	1916.164	270.147	124.269	ON
		OFF-LINE	32.9	135200	1724	402189.2	1908.667	268.106	130.048	ON
130124_154309	126	ON	32.9	135200	1724	402205.1	1907.234	270.846	130.98	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402234.2	1909.983	271.594	130.411	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402264.2	1918.947	267.739	129.768	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402294.2	1911.142	269.963	132.414	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402324.2	1917.566	269.345	131.403	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402354.2	1909.162	268.22	132.343	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402384.2	1917.422	270.078	131.761	ON
		Yellow Warning	32.9	135200	1724	402384.2	1919.461	270.121	134.025	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402414.2	1919.452	270.091	134.04	ON

130124_154309	126	Yellow Warning	32.9	135200	1724	402414.2	1919.51	269.997	134.066	ON
130124_154309	126	Cleared	32.9	135200	1724	402414.2	1923.963	269.421	133.355	ON
130124_154309	126	Cleared	32.9	135200	1724	402414.2	1924.808	269.555	133.201	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402444.2	1930.451	270.194	133.244	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402474.2	1928.198	268.913	135.036	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402504.2	1920.521	269.464	136.21	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402534.2	1910.961	270.13	137.467	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402564.2	1921.061	269.665	134.53	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402594.2	1911.436	270.475	135.27	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402624.2	1924.207	268.961	132.413	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402654.2	1912.441	270.309	133.732	ON
		Yellow Warning								
130124_154309	126	Warning	32.9	135200	1724	402654.2	1911.79	269.337	133.793	ON
130124_154309	126	Cleared	32.9	135200	1724	402654.2	1911.909	269.847	133.749	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402684.2	1913.051	270.618	133.37	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402714.2	1912.68	270.193	133.359	ON
		Yellow Warning								
130124_154309	126	Warning	32.9	135200	1724	402714.2	1915.843	271.41	131.657	ON
130124_154309	126	Cleared	32.9	135200	1724	402714.2	1915.865	271.037	131.771	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402744.1	1916.482	269.667	131.989	ON
		Yellow Warning								
130124_154309	126	Warning	32.9	135200	1724	402744.1	1917.392	269.085	132.082	ON
130124_154309	126	Cleared	32.9	135200	1724	402744.1	1918.166	270.69	131.919	ON
		Yellow Warning								
130124_154309	126	Warning	32.9	135200	1724	402744.1	1917.765	271.211	131.806	ON
		Yellow Warning								
130124_154309	126	Warning	32.9	135200	1724	402744.1	1916.805	269.758	131.987	ON
130124_154309	126	Cleared	32.9	135200	1724	402744.1	1916.497	269.77	132.046	ON
		Yellow Warning								
130124_154309	126	Warning	32.9	135200	1724	402744.1	1916.174	268.616	132.136	ON

130124_154309	126	Yellow Warning	32.9	135200	1724	402744.1	1915.846	268.722	132.223	ON
130124_154309	126	Cleared	32.9	135200	1724	402744.1	1915.846	268.722	132.223	ON
130124_154309	126	Cleared	32.9	135200	1724	402744.1	1915.299	268.898	132.337	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402774.2	1914.138	270.435	132.517	ON
		Yellow								
130124_154309	126	Warning	32.9	135200	1724	402774.2	1913.858	270.598	132.538	ON
130124_154309	126	Cleared	32.9	135200	1724	402774.2	1912.617	270.382	132.717	ON
		Yellow								
130124_154309	126	Warning	32.9	135200	1724	402774.2	1909.241	271.695	133.079	ON
130124_154309	126	Cleared	32.9	135200	1724	402774.2	1908.267	272.235	133.164	ON
130124_154309	126	Cleared	32.9	135200	1724	402774.2	1906.417	272.704	133.373	ON
		Yellow								
130124_154309	126	Warning	32.9	135200	1724	402774.2	1910.62	270.563	131.404	ON
130124_154309	126	Cleared	32.9	135200	1724	402774.2	1909.152	270.694	131.62	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402804.2	1908.907	271.622	131.661	ON
		Yellow								
130124_154309	126	Warning	32.9	135200	1724	402804.2	1908.396	270.902	131.713	ON
130124_154309	126	Cleared	32.9	135200	1724	402804.2	1910.065	270.461	131.324	ON
		Yellow								
130124_154309	126	Warning	32.9	135200	1724	402804.2	1919.096	270.224	129.581	ON
130124_154309	126	Cleared	32.9	135200	1724	402804.2	1919.347	270.227	129.604	ON
		Yellow								
130124_154309	126	Warning	32.9	135200	1724	402804.2	1919.492	269.765	129.877	ON
130124_154309	126	Cleared	32.9	135200	1724	402804.2	1919.625	270.138	130.015	ON
		Yellow								
130124_154309	126	Warning	32.9	135200	1724	402804.2	1919.625	270.138	130.015	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402834.2	1919.754	270.466	130.03	ON
130124_154309	126	Cleared	32.9	135200	1724	402834.2	1919.785	270.498	130.032	ON
		Yellow								
130124_154309	126	Warning	32.9	135200	1724	402834.2	1919.104	270.718	130.321	ON

130124_154309	126	Cleared	32.9	135200	1724	402834.2	1918.868	271.886	130.367	ON
130124_154309	126	ON-LINE	32.9	135200	1724	402864.2	1909.405	272.124	132.282	ON
130124_154309	126	Yellow Warning	32.9	135200	1724	402864.2	1906.684	272.281	132.824	ON
130124_154309	126	Cleared	32.9	135200	1724	402864.2	1906.383	270.913	132.834	ON
130124_154309	126	OFF	32.9	135200	1724	402885.1	1908.162	269.997	132.567	ON
130124_154309	126	Yellow Warning	32.9	135200	1724	402885.1	1908.77	269.006	132.469	ON
130124_154309	126	Yellow Warning	32.9	135200	1724	402885.1	1908.77	269.006	132.469	ON
130124_154309	126	Cleared	32.9	135200	1724	402885.1	1909.137	268.594	132.401	ON
130124_154309	126	Cleared	32.9	135200	1724	402885.1	1909.137	268.594	132.401	ON
		OFF-LINE	32.9	135200	1724	402914.2	1917.045	251.1	132.623	ON
		OFF-LINE	32.9	135200	1724	402944.2	1925.26	302.588	122.872	ON
		OFF-LINE	32.9	135200	1724	402974.2	1943.767	60.42	138.26	ON
		OFF-LINE	32.9	135200	1724	403004.2	1933.668	82.852	140.193	ON
130124_155647	125	ON	32.9	135200	1724	403023.1	1924.519	88.981	143.332	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403023.1	1929.309	86.684	142.891	ON
130124_155647	125	Cleared	32.9	135200	1724	403023.1	1929.904	87.08	142.721	ON
130124_155647	125	ON-LINE	32.9	135200	1724	403052.2	1931.823	86.87	142.191	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403052.2	1928.611	86.966	142.8	ON
130124_155647	125	ON-LINE	32.9	135200	1724	403082.1	1928.346	86.906	142.907	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403082.1	1926.745	87.367	143.503	ON
130124_155647	125	Cleared	32.9	135200	1724	403082.1	1926.194	87.246	143.667	ON
130124_155647	125	Cleared	32.9	135200	1724	403082.1	1925.771	86.944	143.764	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403082.1	1924.583	84.994	143.888	ON
130124_155647	125	Yellow	32.9	135200	1724	403082.1	1924.583	84.994	143.888	ON

		Warning								
130124_155647	125	Cleared	32.9	135200	1724	403082.1	1924.584	84.418	143.772	ON
130124_155647	125	Cleared	32.9	135200	1724	403082.1	1924.584	84.418	143.772	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403082.1	1924.584	84.418	143.772	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403082.1	1924.82	84.234	143.629	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403082.1	1924.82	84.234	143.629	ON
130124_155647	125	Cleared	32.9	135200	1724	403082.1	1924.82	84.234	143.629	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403082.1	1925.171	84.429	143.498	ON
130124_155647	125	Cleared	32.9	135200	1724	403082.1	1925.397	85.469	143.493	ON
130124_155647	125	Cleared	32.9	135200	1724	403082.1	1925.575	85.375	143.452	ON
130124_155647	125	Cleared	32.9	135200	1724	403082.1	1925.575	85.375	143.452	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403082.1	1926.072	85.123	143.137	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403082.1	1926.108	85.283	143.037	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403082.1	1926.235	85.476	142.939	ON
130124_155647	125	Cleared	32.9	135200	1724	403082.1	1926.296	85.828	142.877	ON
130124_155647	125	Cleared	32.9	135200	1724	403082.1	1926.24	86.322	142.852	ON
130124_155647	125	ON-LINE	32.9	135200	1724	403112.2	1925.813	86.412	142.935	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403112.2	1925.137	85.823	142.747	ON
130124_155647	125	Cleared	32.9	135200	1724	403112.2	1925.057	85.786	142.627	ON
130124_155647	125	Cleared	32.9	135200	1724	403112.2	1925.057	85.786	142.627	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403112.2	1925.057	85.786	142.627	ON
130124_155647	125	Cleared	32.9	135200	1724	403112.2	1925.162	86.145	142.483	ON

130124_155647	125	Yellow Warning	32.9	135200	1724	403112.2	1927.692	85.002	141.552	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403112.2	1928.186	86.48	141.541	ON
130124_155647	125	Cleared	32.9	135200	1724	403112.2	1928.149	86.503	141.57	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403112.2	1928.149	86.503	141.57	ON
130124_155647	125	Cleared	32.9	135200	1724	403112.2	1928.058	86.659	141.616	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403112.2	1927.424	87.32	141.753	ON
130124_155647	125	Cleared	32.9	135200	1724	403112.2	1927.136	87.487	141.824	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403112.2	1927.136	87.487	141.824	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403112.2	1926.874	87.104	141.889	ON
130124_155647	125	Cleared	32.9	135200	1724	403112.2	1926.639	87.209	141.952	ON
130124_155647	125	Cleared	32.9	135200	1724	403112.2	1926.639	87.209	141.952	ON
130124_155647	125	Cleared	32.9	135200	1724	403112.2	1926.054	87.498	142.145	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403112.2	1925.393	87.018	142.444	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403112.2	1925.393	87.018	142.444	ON
130124_155647	125	Cleared	32.9	135200	1724	403112.2	1925.451	85.752	142.413	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403112.2	1925.451	85.752	142.413	ON
130124_155647	125	Cleared	32.9	135200	1724	403112.2	1925.641	85.818	142.343	ON
130124_155647	125	ON-LINE	32.9	135200	1724	403142.2	1925.663	85.824	142.333	ON
130124_155647	125	Cleared	32.9	135200	1724	403142.2	1926.972	84.499	141.83	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403142.2	1927.274	84.334	141.712	ON
130124_155647	125	Cleared	32.9	135200	1724	403142.2	1927.503	84.22	141.6	ON
130124_155647	125	Yellow	32.9	135200	1724	403142.2	1928.056	85.988	141.561	ON

		Warning								
130124_155647	125	Yellow Warning	32.9	135200	1724	403142.2	1928.349	86.609	141.587	ON
130124_155647	125	Cleared	32.9	135200	1724	403142.2	1928.766	87.077	141.575	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403142.2	1929.257	87.695	141.545	ON
130124_155647	125	Cleared	32.9	135200	1724	403142.2	1929.727	88.008	141.488	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403142.2	1930.606	86.427	141.386	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403142.2	1930.606	86.427	141.386	ON
130124_155647	125	Cleared	32.9	135200	1724	403142.2	1930.397	86.242	141.423	ON
130124_155647	125	Cleared	32.9	135200	1724	403142.2	1930.506	85.885	141.388	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403142.2	1930.773	85.944	141.481	ON
130124_155647	125	ON-LINE	32.9	135200	1724	403172.2	1930.794	85.91	141.5	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403172.2	1930.85	85.729	141.526	ON
130124_155647	125	Cleared	32.9	135200	1724	403172.2	1930.998	86.229	141.576	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403172.2	1931.093	86.723	141.556	ON
130124_155647	125	Cleared	32.9	135200	1724	403172.2	1931.102	88.653	141.606	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403172.2	1931.055	88.254	141.637	ON
130124_155647	125	Cleared	32.9	135200	1724	403172.2	1931.055	88.254	141.637	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403172.2	1931.101	87.77	141.729	ON
130124_155647	125	Cleared	32.9	135200	1724	403172.2	1931.278	86.78	141.791	ON
130124_155647	125	Cleared	32.9	135200	1724	403172.2	1931.012	86.7	142.013	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403172.2	1930.688	86.457	142.235	ON
130124_155647	125	Yellow	32.9	135200	1724	403172.2	1930.593	86.372	142.369	ON

		Warning									
130124_155647	125	Cleared	32.9	135200	1724	403172.2	1930.616	86.045	142.421	ON	
130124_155647	125	Yellow Warning	32.9	135200	1724	403172.2	1930.774	86.147	142.425	ON	
130124_155647	125	Cleared	32.9	135200	1724	403172.2	1931.119	86.118	142.385	ON	
130124_155647	125	Yellow Warning	32.9	135200	1724	403172.2	1931.482	86.312	142.346	ON	
130124_155647	125	Cleared	32.9	135200	1724	403172.2	1931.482	86.312	142.346	ON	
130124_155647	125	Cleared	32.9	135200	1724	403172.2	1931.808	86.666	142.355	ON	
130124_155647	125	Cleared	32.9	135200	1724	403172.2	1931.808	86.666	142.355	ON	
130124_155647	125	Yellow Warning	32.9	135200	1724	403172.2	1931.808	86.666	142.355	ON	
130124_155647	125	Cleared	32.9	135200	1724	403172.2	1932.108	86.698	142.377	ON	
130124_155647	125	Yellow Warning	32.9	135200	1724	403172.2	1932.323	86.951	142.382	ON	
130124_155647	125	ON-LINE	32.9	135200	1724	403202.2	1932.935	87.903	142.427	ON	
130124_155647	125	Cleared	32.9	135200	1724	403202.2	1934.084	88.158	142.331	ON	
130124_155647	125	Yellow Warning	32.9	135200	1724	403202.2	1934.71	88.216	142.258	ON	
130124_155647	125	Cleared	32.9	135200	1724	403202.2	1936.981	88.146	141.979	ON	
130124_155647	125	Yellow Warning	32.9	135200	1724	403202.2	1937.939	87.443	141.842	ON	
130124_155647	125	Cleared	32.9	135200	1724	403202.2	1940.478	84.469	141.574	ON	
130124_155647	125	ON-LINE	32.9	135200	1724	403232.2	1938.213	86.127	143.312	ON	
130124_155647	125	ON-LINE	32.9	135200	1724	403262.2	1939.114	85.09	142.168	ON	
130124_155647	125	ON-LINE	32.9	135200	1724	403292.1	1928.243	85.112	142.009	ON	
130124_155647	125	ON-LINE	32.9	135200	1724	403322.2	1924.868	84.878	141.127	ON	
130124_155647	125	ON-LINE	32.9	135200	1724	403352.1	1921.485	84.988	139.714	ON	
130124_155647	125	ON-LINE	32.9	135200	1724	403382.2	1922.455	86.886	139.668	ON	
130124_155647	125	ON-LINE	32.9	135200	1724	403412.2	1925.843	84.914	137.581	ON	
130124_155647	125	ON-LINE	32.9	135200	1724	403442.2	1932.315	85.703	136.123	ON	

130124_155647	125	ON-LINE	32.9	135200	1724	403472.2	1924.883	84.964	136.595	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403472.2	1925.008	85.091	136.518	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403472.2	1925.53	85.806	136.302	ON
130124_155647	125	Cleared	32.9	135200	1724	403472.2	1926.485	86.551	136.074	ON
130124_155647	125	Cleared	32.9	135200	1724	403472.2	1926.61	85.819	136.009	ON
130124_155647	125	ON-LINE	32.9	135200	1724	403502.1	1919.358	86.417	136.05	ON
130124_155647	125	ON-LINE	32.9	135200	1724	403532.2	1921.483	86.83	134.028	ON
130124_155647	125	ON-LINE	32.9	135200	1724	403562.1	1928.594	84.532	132.838	ON
130124_155647	125	ON-LINE	32.9	135200	1724	403592.2	1929.326	83.902	136.724	ON
130124_155647	125	ON-LINE	32.9	135200	1724	403622.1	1931.457	84.944	137.384	ON
130124_155647	125	ON-LINE	32.9	135200	1724	403652.2	1925.747	83.061	139.746	ON
130124_155647	125	OFF	32.9	135200	1724	403670.3	1925.217	84.39	140.602	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403670.3	1925.041	85.246	140.811	ON
130124_155647	125	Cleared	32.9	135200	1724	403670.3	1925.15	87.404	141.035	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403670.3	1925.15	87.404	141.035	ON
130124_155647	125	Yellow Warning	32.9	135200	1724	403670.3	1925.15	87.404	141.035	ON
130124_155647	125	Cleared	32.9	135200	1724	403670.3	1925.302	90.362	141.153	ON
130124_155647	125	Cleared	32.9	135200	1724	403670.3	1925.302	90.362	141.153	ON
		OFF-LINE	32.9	135200	1724	403700.1	1919.127	115.894	153.364	ON
		OFF-LINE	32.9	135200	1724	403730.2	1928.618	358.82	130.558	ON
		OFF-LINE	32.9	135200	1724	403760.1	1919.853	286.607	122.449	ON
		OFF-LINE	32.9	135200	1724	403790.2	1917.595	268.889	129.578	ON
130124_160942	124	ON	32.9	135200	1724	403798.9	1919.494	272.211	130.285	ON
130124_160942	124	ON-LINE	32.9	135200	1724	403828.1	1916.636	270.238	134.37	ON
130124_160942	124	ON-LINE	32.9	135200	1724	403858.2	1922.256	273.036	134.552	ON

130124_160942	124	ON-LINE	32.9	135200	1724	403888.1	1920.271	271.149	135.567	ON
130124_160942	124	ON-LINE	32.9	135200	1724	403918.2	1910.015	273.718	136.922	ON
130124_160942	124	ON-LINE	32.9	135200	1724	403948.2	1914.221	271.826	135.321	ON
130124_160942	124	ON-LINE	32.9	135200	1724	403978.1	1912.929	270.229	133.929	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404008.2	1922.693	271.354	130.774	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404038.1	1913.713	272.061	132.108	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404068.2	1922.372	271.812	129.455	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404098.1	1922.858	271.164	128.488	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404128.2	1902.485	271.666	132.024	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404158.1	1899.895	272.201	131.685	ON
		Yellow Warning								
130124_160942	124	Warning	32.9	135200	1724	404158.1	1919.828	269.836	127.649	ON
130124_160942	124	Cleared	32.9	135200	1724	404158.1	1920.283	269.497	127.611	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404188.1	1920.55	269.348	127.641	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404218.2	1918.488	270.026	127.356	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404248.2	1919.018	270.661	127.413	ON
		Yellow Warning								
130124_160942	124	Warning	32.9	135200	1724	404248.2	1914.339	271.547	129.225	ON
130124_160942	124	Cleared	32.9	135200	1724	404248.2	1913.513	271.735	129.453	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404278.2	1910.832	271.104	130.369	ON
		Yellow Warning								
130124_160942	124	Warning	32.9	135200	1724	404278.2	1909.615	271.317	131.456	ON
130124_160942	124	Cleared	32.9	135200	1724	404278.2	1905.361	271.852	132.773	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404308.2	1905.314	271.597	132.944	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404338.2	1923.27	269.798	130.665	ON
		Yellow Warning								
130124_160942	124	Warning	32.9	135200	1724	404338.2	1924.674	269.449	130.437	ON
130124_160942	124	Cleared	32.9	135200	1724	404338.2	1925.67	269.931	130.278	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404338.2	1927.852	269.784	130.556	ON

130124_160942	124	Cleared	32.9	135200	1724	404338.2	1927.27	269.959	130.716	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404338.2	1927.27	269.959	130.716	ON
130124_160942	124	Cleared	32.9	135200	1724	404338.2	1927.091	271.05	130.793	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404368.2	1926.432	271.327	130.928	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404368.2	1926.005	268.457	131.436	ON
130124_160942	124	Cleared	32.9	135200	1724	404368.2	1925.927	269.093	131.463	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404368.2	1925.927	269.093	131.463	ON
130124_160942	124	Cleared	32.9	135200	1724	404368.2	1925.848	269.246	131.506	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404368.2	1925.848	269.246	131.506	ON
130124_160942	124	Cleared	32.9	135200	1724	404368.2	1925.189	270.066	131.758	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404368.2	1923.585	270.046	132.158	ON
130124_160942	124	Cleared	32.9	135200	1724	404368.2	1922.746	270.129	132.365	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404398.2	1920.544	269.209	132.883	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404398.2	1920.277	269.173	132.949	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404398.2	1919.025	271.479	133.273	ON
130124_160942	124	Cleared	32.9	135200	1724	404398.2	1919.025	271.479	133.273	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404398.2	1919.025	271.479	133.273	ON
130124_160942	124	Cleared	32.9	135200	1724	404398.2	1918.756	274.01	133.178	ON
130124_160942	124	Cleared	32.9	135200	1724	404398.2	1918.756	274.01	133.178	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404398.2	1919.395	271.272	132.903	ON
130124_160942	124	Cleared	32.9	135200	1724	404398.2	1919.959	270.711	132.733	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404428.1	1930.732	270.368	130.49	ON

130124_160942	124	Yellow Warning	32.9	135200	1724	404428.1	1937.647	269.878	129.845	ON
130124_160942	124	Cleared	32.9	135200	1724	404428.1	1936.837	269.918	130.052	ON
130124_160942	124	ON-LINE	32.9	135200	1724	404458.2	1928.229	268.966	132.33	ON
130124_160942	124	OFF	32.9	135200	1724	404484	1911.957	271.882	134.756	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404484	1910.88	272.316	134.826	ON
130124_160942	124	Cleared	32.9	135200	1724	404484	1910.249	272.274	134.858	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404484	1910.249	272.274	134.858	ON
130124_160942	124	Yellow Warning	32.9	135200	1724	404484	1910.249	272.274	134.858	ON
130124_160942	124	Cleared	32.9	135200	1724	404484	1909.906	272.311	134.901	ON
130124_160942	124	Cleared	32.9	135200	1724	404484	1909.906	272.311	134.901	ON
		OFF-LINE	32.9	135200	1724	404513.2	1925.748	234.618	136.245	ON
		OFF-LINE	32.9	135200	1724	404543.2	1944.854	297.495	119.592	ON
		OFF-LINE	32.9	135200	1724	404573.2	1929.539	50.354	146.398	ON
		OFF-LINE	32.9	135200	1724	404603.2	1920.304	99.102	150.873	ON
130124_162321	123	ON	32.9	135200	1724	404617.1	1914.231	91.187	148.547	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404646.2	1928.213	87.966	144.028	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404646.2	1930.908	85.021	143.977	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404646.2	1931.974	85.068	143.713	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404646.2	1933.043	85.757	143.456	ON
130124_162321	123	Cleared	32.9	135200	1724	404646.2	1934.375	86.064	143.139	ON
130124_162321	123	Cleared	32.9	135200	1724	404646.2	1935.851	86.378	142.875	ON
130124_162321	123	Cleared	32.9	135200	1724	404646.2	1935.851	86.378	142.875	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404646.2	1936.816	86.529	142.936	ON

130124_162321	123	Cleared	32.9	135200	1724	404646.2	1936.311	86.042	143.283	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404646.2	1935.651	86.018	143.412	ON
130124_162321	123	Cleared	32.9	135200	1724	404646.2	1935.235	86.719	143.511	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404676.2	1935.213	86.798	143.636	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404676.2	1932.289	86.518	144.787	ON
130124_162321	123	Cleared	32.9	135200	1724	404676.2	1932.001	87.481	144.781	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404676.2	1932.001	87.481	144.781	ON
130124_162321	123	Cleared	32.9	135200	1724	404676.2	1931.942	87.543	144.809	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404676.2	1931.509	87.914	144.981	ON
130124_162321	123	Cleared	32.9	135200	1724	404676.2	1930.443	87.729	145.301	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404676.2	1929.045	86.069	145.667	ON
130124_162321	123	Cleared	32.9	135200	1724	404676.2	1928.012	84.614	145.751	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404676.2	1926.56	83.702	145.811	ON
130124_162321	123	Cleared	32.9	135200	1724	404676.2	1926.495	84.034	145.429	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404706.2	1926.483	84.074	145.429	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404706.2	1926.219	84.572	145.451	ON
130124_162321	123	Cleared	32.9	135200	1724	404706.2	1926.03	84.391	145.415	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404706.2	1925.609	86.719	145.433	ON
130124_162321	123	Cleared	32.9	135200	1724	404706.2	1925.082	86.97	145.605	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404706.2	1925.082	86.97	145.605	ON
130124_162321	123	Cleared	32.9	135200	1724	404706.2	1924.845	87.773	145.702	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404706.2	1929.624	83.809	143.786	ON

130124_162321	123	Yellow Warning	32.9	135200	1724	404706.2	1930.124	84.408	143.651	ON
130124_162321	123	Cleared	32.9	135200	1724	404706.2	1930.671	84.879	143.515	ON
130124_162321	123	Cleared	32.9	135200	1724	404706.2	1931.608	86.615	143.43	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404736.2	1931.608	86.615	143.43	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404736.2	1928.539	86.025	143.637	ON
130124_162321	123	Cleared	32.9	135200	1724	404736.2	1927.885	85.942	143.82	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404766.1	1924.934	86.402	144.522	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404766.1	1918.038	86.398	145.635	ON
130124_162321	123	Cleared	32.9	135200	1724	404766.1	1914.75	84.756	145.866	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404766.1	1914.841	87.151	145.634	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404796.2	1915.129	88.219	145.474	ON
130124_162321	123	Cleared	32.9	135200	1724	404796.2	1916.205	87.051	145.09	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404796.2	1912.237	83.771	145.573	ON
130124_162321	123	Cleared	32.9	135200	1724	404796.2	1911.324	83.405	145.69	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404796.2	1911.094	84.389	145.479	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404796.2	1911.094	84.389	145.479	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404796.2	1911.657	84.981	145.283	ON
130124_162321	123	Cleared	32.9	135200	1724	404796.2	1913.57	86.488	144.78	ON
130124_162321	123	Cleared	32.9	135200	1724	404796.2	1914.464	86.555	144.597	ON
130124_162321	123	Cleared	32.9	135200	1724	404796.2	1916.447	87.648	144.39	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404826.2	1916.953	87.054	144.378	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404826.2	1917.097	86.671	144.397	ON

130124_162321	123	Yellow Warning	32.9	135200	1724	404826.2	1917.938	85.031	144.225	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	404826.2	1917.938	85.031	144.225	ON
130124_162321	123	Cleared	32.9	135200	1724	404826.2	1918.922	85.961	144.027	ON
130124_162321	123	Cleared	32.9	135200	1724	404826.2	1919.574	86.658	143.892	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404826.2	1919.574	86.658	143.892	ON
130124_162321	123	Cleared	32.9	135200	1724	404826.2	1919.574	86.658	143.892	ON
130124_162321	123	Cleared	32.9	135200	1724	404826.2	1920.753	87.234	143.716	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404826.2	1922.534	86.852	143.532	ON
130124_162321	123	Cleared	32.9	135200	1724	404826.2	1923.386	87.94	143.439	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404826.2	1924.819	86.518	143.135	ON
130124_162321	123	Cleared	32.9	135200	1724	404826.2	1925.154	86.191	143.053	ON
		Yellow								
130124_162321	123	Warning	32.9	135200	1724	404826.2	1929.391	86.031	141.817	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404856.2	1929.695	85.938	141.853	ON
130124_162321	123	Cleared	32.9	135200	1724	404856.2	1929.684	85.73	141.882	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404886.2	1921.346	86.642	145.196	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404916.2	1927.987	85.637	141.806	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404946.2	1924.884	84.822	142.085	ON
130124_162321	123	ON-LINE	32.9	135200	1724	404976.2	1911.952	85.727	142.486	ON
130124_162321	123	ON-LINE	32.9	135200	1724	405006.2	1915.454	86.274	139.597	ON
130124_162321	123	ON-LINE	32.9	135200	1724	405036.1	1911.573	91.521	138.535	ON
130124_162321	123	ON-LINE	32.9	135200	1724	405066.2	1910.603	85.769	140.233	ON
130124_162321	123	ON-LINE	32.9	135200	1724	405096.1	1917.45	82.185	139.725	ON
130124_162321	123	ON-LINE	32.9	135200	1724	405126.2	1916.583	86.652	141.456	ON
130124_162321	123	ON-LINE	32.9	135200	1724	405156.2	1926.226	85.765	141.174	ON
130124_162321	123	ON-LINE	32.9	135200	1724	405186.2	1930.53	85.295	142.826	ON

130124_162321	123	ON-LINE	32.9	135200	1724	405216.2	1920.828	84.341	145.738	ON
130124_162321	123	ON-LINE	32.9	135200	1724	405246.1	1917.601	85.218	145.499	ON
130124_162321	123	OFF	32.9	135200	1724	405248	1917.278	85.51	145.494	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	405248	1917.111	85.713	145.376	ON
130124_162321	123	Yellow Warning	32.9	135200	1724	405248	1917.111	85.713	145.376	ON
130124_162321	123	Cleared	30	123300	1724	405248	1917.636	85.993	145.222	ON
130124_162321	123	Cleared	30	123300	1724	405248	1917.636	85.993	145.222	ON
		OFF-LINE	30	123300	1724	405277.2	1914.499	136.036	143.262	ON
		OFF-LINE	30	123300	1724	405307.1	1906.65	174.863	135.015	ON
		OFF-LINE	32.9	135200	1724	405337.2	1896.701	190.961	130.444	ON
		OFF-LINE	32.9	135200	1724	405367.1	1914.706	204.888	120.376	ON
		OFF-LINE	32.9	135200	1724	405397.2	1916.74	210.959	122.942	ON
		OFF-LINE	32.9	135200	1724	405427.1	1913.644	271.651	117.212	ON
		OFF-LINE	32.9	135200	1724	405457.2	1909.778	308.177	122.106	ON
130124_163742	UL001	ON	32.9	135200	1724	405478.4	1892.87	353.842	141.95	ON
130124_163742	UL001	ON-LINE	32.9	135200	1724	405508.1	1905.711	350.495	135.605	ON
130124_163742	UL001	ON-LINE	32.9	135200	1724	405538.2	1901.935	351.278	137.838	ON
130124_163742	UL001	ON-LINE	32.9	135200	1724	405568.1	1903.606	352.467	137.069	ON
130124_163742	UL001	ON-LINE	32.9	135200	1724	405598.2	1910.454	350.987	137.536	ON
130124_163742	UL001	OFF	32.9	135200	1724	405610.5	1916.291	349.178	137.232	ON
130124_163742	UL001	Yellow Warning	32.9	135200	1724	405610.5	1916.163	348.513	137.523	ON
130124_163742	UL001	Yellow Warning	32.9	135200	1724	405610.5	1916.163	348.513	137.523	ON
130124_163742	UL001	Cleared	32.9	135200	1724	405610.5	1916.172	347.997	137.322	ON
130124_163742	UL001	Cleared	32.9	135200	1724	405610.5	1916.172	347.997	137.322	ON
130124_163742	UL001	Yellow Warning	32.9	135200	1724	405610.5	1916.172	347.997	137.322	ON

130124_163742	UL001	Yellow Warning	32.9	135200	1724	405610.5	1916.172	347.997	137.322	ON
130124_163742	UL001	Cleared	32.9	135200	1724	405610.5	1916.107	347.302	136.896	ON
130124_163742	UL001	Cleared	32.9	135200	1724	405610.5	1916.107	347.302	136.896	ON
		OFF-LINE	32.9	135200	1724	405640.1	1901.817	303.047	129.569	ON
		OFF-LINE	32.9	135200	1724	405670.2	1888.105	270.343	132.649	ON
		OFF-LINE	32.9	135200	1724	405700.1	1913.011	270.252	126.544	ON
		OFF-LINE	32.9	135200	1724	405730.1	1929.482	268.73	125.052	ON
		OFF-LINE	32.9	135200	1724	405760.2	1909.174	271.276	130.332	ON
		OFF-LINE	32.9	135200	1724	405790.1	1909.913	270.646	129.08	ON
		OFF-LINE	32.9	135200	1724	405820.2	1903.727	267.298	129.105	ON
		OFF-LINE	32.9	135200	1724	405850.1	1884.191	183.288	155.366	ON
130124_164356	UL002	ON	32.9	135200	1724	405852.3	1881.881	183.821	155.866	ON
		Yellow Warning	32.9	135200	1724	405852.3	1906.06	186.865	150.606	ON
130124_164356	UL002	Cleared	32.9	135200	1724	405852.3	1906.277	186.845	150.676	ON
130124_164356	UL002	ON-LINE	32.9	135200	1724	405882.2	1906.756	187.196	150.689	ON
130124_164356	UL002	ON-LINE	32.9	135200	1724	405912.1	1911.54	185.882	151.721	ON
		Yellow Warning	32.9	135200	1724	405912.1	1918.844	186.336	149.865	ON
130124_164356	UL002	Cleared	32.9	135200	1724	405912.1	1919.565	186.359	149.693	ON
130124_164356	UL002	ON-LINE	32.9	135200	1724	405942.1	1920.707	186.282	149.392	ON
		Yellow Warning	32.9	135200	1724	405942.1	1919.84	186.554	149.489	ON
130124_164356	UL002	Cleared	32.9	135200	1724	405942.1	1919.364	186.35	149.635	ON
130124_164356	UL002	ON-LINE	32.9	135200	1724	405972.2	1910.14	186.576	151.551	ON
130124_164356	UL002	OFF	32.9	135200	1724	405986.3	1910.358	186.696	151.034	ON
		Yellow Warning	32.9	135200	1724	405986.3	1909.433	186.713	151.232	ON
130124_164356	UL002	Yellow Warning	32.9	135200	1724	405986.3	1909.433	186.713	151.232	ON

130124_164356	UL002	Cleared	32.9	135200	1724	405986.3	1908.257	186.771	150.997	ON
130124_164356	UL002	Cleared	32.9	135200	1724	405986.3	1908.257	186.771	150.997	ON
130124_164356	UL002	Yellow Warning	32.9	135200	1724	405986.3	1908.257	186.771	150.997	ON
130124_164356	UL002	Yellow Warning	32.9	135200	1724	405986.3	1908.257	186.771	150.997	ON
130124_164356	UL002	Cleared	32.9	135200	1724	405986.3	1908.127	188.28	150.487	ON
130124_164356	UL002	Cleared	32.9	135200	1724	405986.3	1908.127	188.28	150.487	ON
		OFF-LINE	32.9	135200	1724	406016.2	1916.43	244.674	129.658	ON
		OFF-LINE	32.9	135200	1724	406046.1	1896.674	269.619	129.894	ON
		OFF-LINE	32.9	135200	1724	406076.1	1904.026	271.518	128.84	ON
		OFF-LINE	32.9	135200	1724	406106.2	1891.319	272.676	132.768	ON
		OFF-LINE	32.9	135200	1724	406136.1	1902.367	270.892	131.201	ON
		OFF-LINE	32.9	135200	1724	406166.2	1903.131	270.991	130.265	ON
		OFF-LINE	32.9	135200	1724	406196.1	1909.481	268.41	128.346	ON
		OFF-LINE	32.9	135200	1724	406226.2	1898.265	271.909	130.257	ON
		OFF-LINE	32.9	135200	1724	406256.1	1907.376	269.907	128.37	ON
		OFF-LINE	32.9	135200	1724	406286.2	1905.621	270.58	129.44	ON
		OFF-LINE	32.9	135200	1724	406316.1	1910.278	268.73	129.306	ON
		OFF-LINE	32.9	135200	1724	406346.1	1900.358	269.753	130.792	ON
		OFF-LINE	32.9	135200	1724	406376.2	1909.715	269.106	127.4	ON
		OFF-LINE	32.9	135200	1724	406406.1	1899.675	295.109	131.725	ON
		OFF-LINE	32.9	135200	1724	406436.2	1902.142	347.623	144.016	ON
130124_165342	UL003	ON	32.9	135200	1724	406438.7	1897.763	353.117	146.606	ON
130124_165342	UL003	ON-LINE	32.9	135200	1724	406468.1	1896.968	352.403	144.822	ON
130124_165342	UL003	Yellow Warning	32.9	135200	1724	406468.1	1898.258	351.096	144.416	ON
130124_165342	UL003	Cleared	32.9	135200	1724	406468.1	1898.181	350.834	144.382	ON
130124_165342	UL003	Yellow Warning	32.9	135200	1724	406468.1	1898.181	350.834	144.382	ON

130124_165342	UL003	Cleared	32.9	135200	1724	406468.1	1898.169	350.545	144.324	ON
130124_165342	UL003	Yellow Warning	32.9	135200	1724	406468.1	1903.185	350.699	144.05	ON
130124_165342	UL003	Cleared	32.9	135200	1724	406468.1	1903.377	350.635	144.156	ON
130124_165342	UL003	ON-LINE	32.9	135200	1724	406498.2	1908.106	350.084	143.05	ON
		Yellow Warning								
130124_165342	UL003	Warning	32.9	135200	1724	406498.2	1908.32	350.13	142.998	ON
130124_165342	UL003	Cleared	32.9	135200	1724	406498.2	1909.027	350.158	142.867	ON
130124_165342	UL003	ON-LINE	32.9	135200	1724	406528.1	1914.61	349.908	143.002	ON
		Yellow Warning								
130124_165342	UL003	Warning	32.9	135200	1724	406528.1	1916.473	350.311	143.021	ON
130124_165342	UL003	Cleared	32.9	135200	1724	406528.1	1917.32	350.382	142.862	ON
130124_165342	UL003	ON-LINE	32.9	135200	1724	406558.2	1924.246	350.014	141.541	ON
130124_165342	UL003	OFF	32.9	135200	1724	406575.3	1916.617	349.877	142.762	ON
		Yellow Warning								
130124_165342	UL003	Warning	32.9	135200	1724	406575.3	1915.982	349.849	142.641	ON
		Yellow Warning								
130124_165342	UL003	Warning	32.9	135200	1724	406575.3	1915.982	349.849	142.641	ON
130124_165342	UL003	Cleared	32.9	135200	1724	406575.3	1916.211	349.713	142.483	ON
130124_165342	UL003	Cleared	32.9	135200	1724	406575.3	1916.211	349.713	142.483	ON
		OFF-LINE	32.9	135200	1724	406605.1	1918.814	315.324	130.315	ON
		OFF-LINE	32.9	135200	1724	406635.2	1915.146	240.46	129.981	ON
		OFF-LINE	32.9	135200	1724	406665.1	1931.182	211.711	128.314	ON
		OFF-LINE	32.9	135200	1724	406695.1	1931.199	196.652	129.738	ON
		OFF-LINE	32.9	135200	1724	406725.1	1931.418	176.994	136.73	ON
		OFF-LINE	32.9	135200	1724	406755.1	1938.752	91.487	149.039	ON
		OFF-LINE	32.9	135200	1724	406785.1	1941.782	91.906	146.484	ON
130124_165932	125	ON	32.9	135200	1724	406788.7	1940.036	91.509	147.112	ON
130124_165932	125	ON-LINE	32.9	135200	1724	406818.1	1936.386	88.335	146.869	ON
130124_165932	125	Yellow Warning	32.9	135200	1724	406818.1	1936.434	88.119	146.133	ON

130124_165932	125	Cleared	32.9	135200	1724	406818.1	1936.517	87.952	145.916	ON
130124_165932	125	Yellow Warning	32.9	135200	1724	406818.1	1936.193	87.92	145.775	ON
130124_165932	125	Yellow Warning	32.9	135200	1724	406818.1	1936.193	87.92	145.775	ON
130124_165932	125	Cleared	32.9	135200	1724	406818.1	1935.734	87.821	145.722	ON
130124_165932	125	Cleared	32.9	135200	1724	406818.1	1935.282	87.901	145.645	ON
130124_165932	125	Yellow Warning	32.9	135200	1724	406818.1	1934.419	87.061	145.155	ON
130124_165932	125	Cleared	32.9	135200	1724	406818.1	1934.355	86.012	144.907	ON
130124_165932	125	Yellow Warning	32.9	135200	1724	406818.1	1934.355	86.012	144.907	ON
130124_165932	125	Cleared	32.9	135200	1724	406818.1	1934.371	85.455	144.697	ON
130124_165932	125	ON-LINE	32.9	135200	1724	406848.2	1930.142	86.35	143.35	ON
130124_165932	125	ON-LINE	32.9	135200	1724	406878.1	1922.199	85.073	143.333	ON
130124_165932	125	ON-LINE	32.9	135200	1724	406908.2	1911.577	85.035	144.051	ON
130124_165932	125	ON-LINE	32.9	135200	1724	406938.1	1920.543	86.63	140.803	ON
130124_165932	125	ON-LINE	32.9	135200	1724	406968.1	1913.014	84.638	141.651	ON
130124_165932	125	OFF	32.9	135200	1724	406989.6	1915.574	85.584	141.23	ON
130124_165932	125	Yellow Warning	32.9	135200	1724	406989.6	1915.912	85.504	141.266	ON
130124_165932	125	Yellow Warning	32.9	135200	1724	406989.6	1915.912	85.504	141.266	ON
130124_165932	125	Cleared	30	123300	1724	406989.6	1916.184	85.415	141.197	ON
130124_165932	125	Cleared	30	123300	1724	406989.6	1916.184	85.415	141.197	ON
		OFF-LINE	32.9	135200	1724	407019.1	1922.538	89.564	141.259	ON
		OFF-LINE	32.9	135200	1724	407049.2	1915.922	84.626	142.547	ON
		OFF-LINE	32.9	135200	1724	407079.1	1912.759	91.157	142.922	ON
		OFF-LINE	32.9	135200	1724	407109.1	1935.074	2.105	126.421	ON
		OFF-LINE	32.9	135200	1724	407139.1	1923.654	295.16	114.481	ON
		OFF-LINE	32.9	135200	1724	407169.1	1904.313	272.52	122.49	ON

130124_170614	123	ON	32.9	135200	1724	407190.5	1903.049	275.736	123.56	ON
130124_170614	123	ON-LINE	32.9	135200	1724	407220.1	1913.656	272.781	123.915	ON
130124_170614	123	ON-LINE	32.9	135200	1724	407250.1	1911.511	270.47	125.247	ON
		Yellow								
130124_170614	123	Warning	32.9	135200	1724	407250.1	1912.519	272.978	125.491	ON
130124_170614	123	Cleared	32.9	135200	1724	407250.1	1912.803	271.735	125.541	ON
130124_170614	123	ON-LINE	32.9	135200	1724	407280.1	1921.89	272.383	124.824	ON
130124_170614	123	ON-LINE	32.9	135200	1724	407310.2	1927.725	272.179	125.683	ON
130124_170614	123	OFF	32.9	135200	1724	407326.9	1920.164	271.239	127.693	ON
		Yellow								
130124_170614	123	Warning	32.9	135200	1724	407326.9	1920.131	270.754	127.676	ON
130124_170614	123	Cleared	32.9	135200	1724	407326.9	1920.318	270.658	127.697	ON
		Yellow								
130124_170614	123	Warning	32.9	135200	1724	407326.9	1920.318	270.658	127.697	ON
		Yellow								
130124_170614	123	Warning	32.9	135200	1724	407326.9	1920.318	270.658	127.697	ON
130124_170614	123	Cleared	32.9	135200	1724	407326.9	1920.459	270.498	127.734	ON
130124_170614	123	Cleared	32.9	135200	1724	407326.9	1920.459	270.498	127.734	ON
		OFF-LINE	32.9	135200	1724	407356.1	1922.678	266.245	127.868	ON
		OFF-LINE	32.9	135200	1724	407386.2	1921.739	258.73	130.928	ON
		OFF-LINE	32.9	135200	1724	407416.1	1906.184	260.733	135.35	ON
		OFF-LINE	32.9	135200	1724	407446.2	1906.086	265.362	134.571	ON
		OFF-LINE	32.9	135200	1724	407476.1	1918.355	284.997	132.258	ON
		OFF-LINE	32.9	135200	1724	407506.2	1915.097	279.442	130.948	ON
		OFF-LINE	32.9	135200	1724	407536.2	1908.224	276.379	133.608	ON
		OFF-LINE	32.9	135200	1724	407566.1	1905.805	272.454	129.477	ON
		OFF-LINE	32.9	135200	1724	407596.2	1921.001	218.116	127.56	ON
		OFF-LINE	32.9	135200	1724	407626.1	1928.09	119.918	145.871	ON
		OFF-LINE	32.9	135200	1724	407656.2	1932.75	83.656	143.543	ON
130124_171425	126	ON	32.9	135200	1724	407681.5	1925.197	86.678	144.563	ON

130124_171425	126	ON-LINE	32.9	135200	1724	407711.1	1932.387	87.047	143.784	ON
130124_171425	126	Yellow Warning	32.9	135200	1724	407711.1	1940.068	84.667	141.635	ON
130124_171425	126	Cleared	32.9	135200	1724	407711.1	1939.627	84.214	141.448	ON
130124_171425	126	Yellow Warning	32.9	135200	1724	407711.1	1939.627	84.214	141.448	ON
130124_171425	126	Cleared	32.9	135200	1724	407711.1	1939.998	84.773	141.278	ON
130124_171425	126	ON-LINE	32.9	135200	1724	407741.2	1942.753	85.077	140.608	ON
130124_171425	126	Yellow Warning	32.9	135200	1724	407741.2	1943.896	83.658	140.49	ON
130124_171425	126	Cleared	32.9	135200	1724	407741.2	1943.635	81.861	140.512	ON
130124_171425	126	Yellow Warning	32.9	135200	1724	407741.2	1943.635	81.861	140.512	ON
130124_171425	126	Cleared	32.9	135200	1724	407741.2	1943.122	81.944	140.802	ON
130124_171425	126	Yellow Warning	32.9	135200	1724	407741.2	1944.73	87.09	140.745	ON
130124_171425	126	Cleared	32.9	135200	1724	407741.2	1944.107	84.553	140.816	ON
130124_171425	126	Yellow Warning	32.9	135200	1724	407741.2	1943.623	84.312	140.941	ON
130124_171425	126	Cleared	32.9	135200	1724	407741.2	1943.079	83.316	141.075	ON
130124_171425	126	ON-LINE	32.9	135200	1724	407771.1	1935.433	85.869	144.441	ON
130124_171425	126	ON-LINE	32.9	135200	1724	407801.2	1928.482	85.98	145.748	ON
130124_171425	126	OFF	32.9	135200	1724	407815.3	1934.704	85.023	145.13	ON
130124_171425	126	Yellow Warning	32.9	135200	1724	407815.3	1936.64	84.639	144.884	ON
130124_171425	126	Cleared	30	123300	1724	407815.3	1938.055	84.232	144.749	ON
130124_171425	126	Yellow Warning	30	123300	1724	407815.3	1938.055	84.232	144.749	ON
130124_171425	126	Yellow Warning	30	123300	1724	407815.3	1938.055	84.232	144.749	ON
130124_171425	126	Cleared	30	123300	1724	407815.3	1938.79	84.505	144.536	ON

130124_171425	126	Cleared	30	123300	1724	407815.3	1938.79	84.505	144.536	ON
		OFF-LINE	30	123300	1724	407845.1	1927.605	29.408	130.158	ON
		OFF-LINE	30	123300	1724	407875.2	1852.991	337.755	112.752	ON
		OFF-LINE	30	123300	1724	407905.1	1767.113	317.226	114.407	ON
		OFF-LINE	30	123300	1724	407935.2	1638.166	291.46	121.497	ON
		OFF-LINE	30	123300	1724	407965.1	1458.502	296.119	122.273	ON
		OFF-LINE	30	123300	1724	407995.2	1279.19	258.597	129.881	ON
		OFF-LINE	30	123300	1724	408025.1	1096.466	186.538	148.075	ON
		OFF-LINE	30	123300	1724	408055.1	896.861	138.262	150.793	ON
		OFF-LINE	30	123300	1724	408085.2	741.025	120.973	146.193	ON
		OFF-LINE	30	123300	1724	408115.1	564.247	122.588	147.379	ON
		OFF-LINE	30	123300	1724	408145.2	380.003	96.807	143.111	ON
		OFF-LINE	30	123300	1724	408175.1	318.393	350.031	101.14	ON
		OFF-LINE	30	123300	1724	408205.2	164.799	303.975	100.977	ON
		OFF-LINE	30	123300	1724	408235.1	202.51	180.76	97.4	ON
		OFF-LINE	30	123300	1724	408265.1	174.419	33.851	90.752	ON
		OFF-LINE	30	123300	1724	408295.1	99.92	300.553	79.851	ON
		OFF-LINE	30	123300	1724	408325.1	14.395	301.072	73.619	ON
		OFF-LINE	30	123300	1724	408355.2	-0.608	302.514	11.921	ON
		OFF-LINE	30	123300	1724	408385.1	0.225	120.221	21.504	ON
		OFF-LINE	30	123300	1724	408415.2	-0.274	358.56	17.047	ON
		OFF-LINE	30	123300	1724	408445.1	-2.633	1.324	15.251	ON
		OFF-LINE	30	123300	1724	408475.1	-3.385	354.566	12.083	ON
		OFF-LINE	30	123300	1724	408505.1	-2.977	100.863	0.422	ON
		OFF-LINE	30	123300	1724	408535.1	-2.457	100.931	0.122	ON
		OFF-LINE	30	123300	1724	408565.2	-2.125	100.849	0.115	ON
		OFF-LINE	30	123300	1724	408595.1	-1.878	100.787	0.042	ON
		OFF-LINE	30	123300	1724	408625.2	-1.869	100.867	0.037	ON
		OFF-LINE	30	123300	1724	408655.1	-1.833	100.781	0.053	ON

		OFF-LINE	30	123300	1724	408685.1	-1.811	100.748	0.018	ON
		OFF-LINE	30	123300	1724	408715.1	-1.836	100.735	0.037	ON
		OFF-LINE	30	123300	1724	408745.1	-1.873	100.754	0.048	ON
		OFF-LINE	30	123300	1724	408775.1	-1.894	100.787	0.068	ON
		OFF-LINE	30	123300	1724	408805.1	-1.904	100.755	0.054	ON
		OFF-LINE	30	123300	1724	408835.2	-1.933	100.731	0.027	ON
		OFF-LINE	30	123300	1724	408865.1	-2.221	100.668	0.056	ON
		OFF-LINE	30	123300	1724	408895.1	-2.262	100.65	0.055	ON
		OFF-LINE	30	123300	1724	408925.1	-2.24	100.662	0.042	ON
		OFF-LINE	30	123300	1724	408955.1	-2.219	100.607	0.049	ON
130124_171425	LASETEST	OFF	30	123300	1724	408966.3	-2.221	100.605	0.078	ON

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LINE ID	LINE NUMBER	ON/OFF	SET SCAN RATE	PULSERATE	WEEK NUM	SECONDS OF WEEK	ALT	HEADING	SPEED(knots)	ROLL COMP
		OFF-LINE	1	100000	1724	483355.7	0.274	339.566	0.005	ON
		OFF-LINE	1	100000	1724	483385.8	0.387	339.537	0.022	ON
130125_141632	BITTEST	OFF	10	50000	1724	483410.2	0.493	339.526	0.037	ON
130125_141634	BITTEST	ON	10	50000	1724	483410.5	0.494	339.53	0.026	ON
130125_141634	BITTEST	OFF	10	100000	1724	483414	0.505	339.507	0.017	ON
130125_141657	LASETEST	ON	10	50000	1724	483433.5	0.532	339.52	0.044	ON
130125_141657	LASETEST	OFF	10	50000	1724	483436.2	0.531	339.546	0.013	ON

		OFF-LINE	30	123300	1724	483465.8	0.083	280.311	0.573	ON
		OFF-LINE	30	123300	1724	483495.7	-0.028	280.519	0.022	ON
		OFF-LINE	30	123300	1724	483525.8	-1.415	280.54	0.024	ON
		OFF-LINE	30.5	82700	1724	483555.7	-2.112	280.481	0.039	ON
		OFF-LINE	30	123300	1724	483585.8	-2.533	280.477	0.081	ON
		OFF-LINE	30	123300	1724	483615.8	-2.811	280.706	0.06	ON
		OFF-LINE	30	123300	1724	483645.8	-2.966	284.589	0.033	ON
		OFF-LINE	30	123300	1724	483675.8	-3.08	287.673	0.038	ON
		OFF-LINE	30	123300	1724	483705.8	-3.146	288.836	0.01	ON
		OFF-LINE	30	123300	1724	483735.8	-3.193	289.225	0.021	ON
		OFF-LINE	30	123300	1724	483765.8	-3.111	245.646	4.538	ON
		OFF-LINE	30	123300	1724	483795.8	-2.478	180.987	13.384	ON
		OFF-LINE	30	123300	1724	483825.7	-0.346	180.529	11.63	ON
		OFF-LINE	30	123300	1724	483855.8	1.402	193.227	10.155	ON
		OFF-LINE	30	123300	1724	483885.8	2.024	120.941	16.09	ON
		OFF-LINE	30	123300	1724	483915.8	2.018	297.712	21.251	ON
		OFF-LINE	30	123300	1724	483945.8	19.293	297.303	82.831	ON
		OFF-LINE	30	123300	1724	483975.8	74.758	300.346	104.752	ON
		OFF-LINE	30	123300	1724	484005.8	162.638	301.634	115.347	ON
		OFF-LINE	30	123300	1724	484035.7	249.243	302.458	115.966	ON
		OFF-LINE	30	123300	1724	484065.8	342.071	307.709	114.554	ON
		OFF-LINE	30	123300	1724	484095.8	423.381	314.439	115.783	ON
		OFF-LINE	30	123300	1724	484125.8	504.536	322.103	118.162	ON
		OFF-LINE	30	123300	1724	484155.8	584.722	323.676	118.774	ON
		OFF-LINE	30	123300	1724	484185.8	671.818	327.633	117.966	ON
		OFF-LINE	30	123300	1724	484215.8	762.656	328.592	116.496	ON
		OFF-LINE	30	123300	1724	484245.7	842.892	332.876	121.017	ON
		OFF-LINE	30	123300	1724	484275.8	926.714	330.21	121.665	ON
		OFF-LINE	30	123300	1724	484305.7	996.669	330.974	126.939	ON

		OFF-LINE	30	123300	1724	484335.8	1079.807	330.591	127.763	ON
		OFF-LINE	30	123300	1724	484365.8	1158.934	317.082	127.8	ON
		OFF-LINE	30	123300	1724	484395.8	1250.173	312.354	125.302	ON
		OFF-LINE	30	123300	1724	484425.8	1329.114	285.008	116.794	ON
		OFF-LINE	30	123300	1724	484455.7	1401.467	254.894	107.766	ON
		OFF-LINE	30	123300	1724	484485.8	1474.623	260.168	110.755	ON
		OFF-LINE	30	123300	1724	484515.7	1543.657	258.238	115.684	ON
		OFF-LINE	30	123300	1724	484545.8	1637.806	263.285	115.284	ON
		OFF-LINE	30	123300	1724	484575.7	1705.217	237.808	111.947	ON
		OFF-LINE	30	123300	1724	484605.8	1768.124	227.366	114.412	ON
		OFF-LINE	30	123300	1724	484635.8	1861.263	228.844	113.097	ON
		OFF-LINE	30	123300	1724	484665.7	1922.707	227.884	117.742	ON
		OFF-LINE	30	123300	1724	484695.8	2018.84	229.771	114.889	ON
		OFF-LINE	30	123300	1724	484725.7	2083.572	233.219	117.229	ON
		OFF-LINE	30	123300	1724	484755.8	2083.954	234.258	127.896	ON
		OFF-LINE	30	123300	1724	484785.7	2097.51	234.025	134.769	ON
		OFF-LINE	30	123300	1724	484815.8	2108.946	233.011	139.563	ON
		OFF-LINE	30	123300	1724	484845.8	2093.873	233.678	145.725	ON
		OFF-LINE	30	123300	1724	484875.7	2085.791	232.865	148.595	ON
		OFF-LINE	30	123300	1724	484905.8	2077.419	235.599	147.519	ON
		OFF-LINE	30	123300	1724	484935.7	2077.419	238.994	145.217	ON
		OFF-LINE	30	123300	1724	484965.8	2050.366	250.759	142.8	ON
		OFF-LINE	30	123300	1724	484995.7	2071.609	260.731	132.783	ON
		OFF-LINE	30	123300	1724	485025.8	2092.466	249.458	130.663	ON
		OFF-LINE	30	123300	1724	485055.7	2097.895	241.816	132.556	ON
		OFF-LINE	30	123300	1724	485085.8	2103.758	238.954	132.449	ON
		OFF-LINE	30	123300	1724	485115.8	2099.638	263.545	128.224	ON
		OFF-LINE	30	123300	1724	485145.7	2104.779	305.268	126.681	ON
		OFF-LINE	30	123300	1724	485175.8	2098.646	329.912	134.635	ON

		OFF-LINE	30	123300	1724	485205.7	2085.442	340.445	140.623	ON
		OFF-LINE	30	123300	1724	485235.8	2098.797	338.891	137.961	ON
		OFF-LINE	30	123300	1724	485265.7	2085.41	333.975	140.072	ON
		OFF-LINE	30	123300	1724	485295.8	2083.571	73.006	164.076	ON
		OFF-LINE	30	123300	1724	485325.7	2067.208	88.673	165.791	ON
130125_144834	210	ON	30	123300	1724	485330.2	2064.55	85.018	163.546	ON
130125_144834	210	ON-LINE	30	123300	1724	485359.7	2068.976	84.867	149.374	ON
130125_144834	210	ON-LINE	30	123300	1724	485389.7	2086.971	85.98	145.22	ON
130125_144834	210	ON-LINE	30	123300	1724	485419.7	2114.324	88.303	142.14	ON
130125_144834	210	ON-LINE	30	123300	1724	485449.8	2127.162	86.112	144.736	ON
130125_144834	210	ON-LINE	30	123300	1724	485479.7	2124.676	86.1	143.123	ON
130125_144834	210	ON-LINE	30	123300	1724	485509.8	2122.379	84.636	141.968	ON
130125_144834	210	ON-LINE	30	123300	1724	485539.7	2120.66	86.226	142.033	ON
130125_144834	210	ON-LINE	30	123300	1724	485569.8	2115.498	84.191	141.948	ON
130125_144834	210	ON-LINE	30	123300	1724	485599.7	2118.239	83.516	140.65	ON
130125_144834	210	ON-LINE	30	123300	1724	485629.7	2126.196	84.447	139.975	ON
130125_144834	210	ON-LINE	30	123300	1724	485659.8	2123.599	84.991	141.469	ON
		Yellow Warning								
130125_144834	210	Warning	30	123300	1724	485659.8	2126.383	84.832	140.982	ON
130125_144834	210	Cleared	30	123300	1724	485659.8	2126.055	84.864	141.123	ON
		Yellow Warning								
130125_144834	210	Warning	30	123300	1724	485659.8	2125.779	84.695	141.261	ON
130125_144834	210	ON-LINE	30	123300	1724	485689.7	2125.693	84.658	141.298	ON
		Yellow Warning								
130125_144834	210	Warning	30	123300	1724	485689.7	2125.437	84.312	141.399	ON
130125_144834	210	Cleared	30	123300	1724	485689.7	2125.144	84.526	141.496	ON
130125_144834	210	Cleared	30	123300	1724	485689.7	2124.785	85.201	141.595	ON
130125_144834	210	ON-LINE	30	123300	1724	485719.8	2123.873	85.285	140.363	ON
		Yellow Warning								
130125_144834	210	Warning	30	123300	1724	485719.8	2123.608	84.7	140.475	ON

130125_144834	210	Cleared	30	123300	1724	485719.8	2123.161	84.817	140.641	ON
130125_144834	210	ON-LINE	30	123300	1724	485749.7	2120.185	83.932	140.914	ON
130125_144834	210	ON-LINE	30	123300	1724	485779.8	2125.875	86.558	139.288	ON
130125_144834	210	ON-LINE	30	123300	1724	485809.7	2125.476	83.17	138.51	ON
130125_144834	210	ON-LINE	30	123300	1724	485839.8	2124.566	83.68	138.664	ON
130125_144834	210	ON-LINE	30	123300	1724	485869.7	2126.999	83.102	138.844	ON
130125_144834	210	ON-LINE	30	123300	1724	485899.7	2120.984	83.867	139.296	ON
130125_144834	210	ON-LINE	30	123300	1724	485929.7	2123.022	84.84	140.295	ON
130125_144834	210	ON-LINE	30	123300	1724	485959.7	2127.818	83.407	139.407	ON
130125_144834	210	ON-LINE	30	123300	1724	485989.8	2124.057	82.543	140.646	ON
130125_144834	210	OFF	30	123300	1724	486004.2	2122.36	81.69	141.208	ON
		Yellow								
130125_144834	210	Warning	30	123300	1724	486004.2	2121.463	81.374	141.406	ON
130125_144834	210	Cleared	30	123300	1724	486004.2	2121.164	81.211	141.628	ON
		Yellow								
130125_144834	210	Warning	30	123300	1724	486004.2	2121.164	81.211	141.628	ON
		Yellow								
130125_144834	210	Warning	30	123300	1724	486004.2	2121.164	81.211	141.628	ON
130125_144834	210	Cleared	30	123300	1724	486004.2	2120.791	82.697	141.965	ON
130125_144834	210	Cleared	30	123300	1724	486004.2	2120.791	82.697	141.965	ON
		OFF-LINE	30	123300	1724	486033.7	2137.109	121.401	145.93	ON
		OFF-LINE	30	123300	1724	486063.8	2121.916	77.997	157.125	ON
		OFF-LINE	30	123300	1724	486093.7	2128.93	332.026	121.002	ON
		OFF-LINE	30	123300	1724	486123.8	2140.546	289.885	115.694	ON
		OFF-LINE	30	123300	1724	486153.7	2125.459	272.834	122.519	ON
		OFF-LINE	30	123300	1724	486183.7	2131.481	274.892	122.092	ON
130125_150248	209	ON	30	123300	1724	486184.1	2131.377	274.781	122.152	ON
130125_150248	209	ON-LINE	30	123300	1724	486213.7	2127.628	271.466	126.638	ON
130125_150248	209	ON-LINE	30	123300	1724	486243.7	2130.113	271.975	127.16	ON
130125_150248	209	ON-LINE	30	123300	1724	486273.7	2132.715	271.091	128.542	ON

130125_150248	209	ON-LINE	30	123300	1724	486303.7	2132.269	271.906	129.243	ON
130125_150248	209	ON-LINE	30	123300	1724	486333.8	2131.3	271.538	130.185	ON
130125_150248	209	ON-LINE	30	123300	1724	486363.7	2132.87	271.729	129.99	ON
130125_150248	209	ON-LINE	30	123300	1724	486393.8	2124.677	270.8	130.136	ON
130125_150248	209	ON-LINE	30	123300	1724	486423.7	2120.628	271.973	130.408	ON
130125_150248	209	ON-LINE	30	123300	1724	486453.7	2125.243	273.272	127.998	ON
130125_150248	209	ON-LINE	30	123300	1724	486483.7	2125.249	273.375	127.285	ON
130125_150248	209	ON-LINE	30	123300	1724	486513.7	2120.41	272.202	128.18	ON
130125_150248	209	ON-LINE	30	123300	1724	486543.8	2120.639	271.953	127.608	ON
130125_150248	209	ON-LINE	30	123300	1724	486573.7	2121.2	272.113	128.028	ON
130125_150248	209	ON-LINE	30	123300	1724	486603.8	2122.33	272.509	127.656	ON
130125_150248	209	ON-LINE	30	123300	1724	486633.7	2133.815	271.463	125.78	ON
130125_150248	209	ON-LINE	30	123300	1724	486663.7	2132.57	271.881	127.379	ON
130125_150248	209	ON-LINE	30	123300	1724	486693.7	2134.01	270.091	127.097	ON
130125_150248	209	ON-LINE	30	123300	1724	486723.7	2132.102	272.312	127.825	ON
130125_150248	209	ON-LINE	30	123300	1724	486753.8	2138.383	269.984	127.243	ON
130125_150248	209	ON-LINE	30	123300	1724	486783.7	2141.334	271.041	126.484	ON
130125_150248	209	ON-LINE	30	123300	1724	486813.8	2138.001	272.375	127.974	ON
130125_150248	209	ON-LINE	30	123300	1724	486843.7	2139.502	271.492	127.98	ON
130125_150248	209	ON-LINE	30	123300	1724	486873.8	2135.114	270.167	128.165	ON
130125_150248	209	ON-LINE	30	123300	1724	486903.7	2132.526	271.219	128.72	ON
130125_150248	209	OFF	30	123300	1724	486931.1	2128.426	271.106	129.306	ON
130125_150248	209	Yellow Warning	30	123300	1724	486931.1	2127.825	271.027	129.406	ON
130125_150248	209	Yellow Warning	30	123300	1724	486931.1	2127.825	271.027	129.406	ON
130125_150248	209	Cleared	30	123300	1724	486931.1	2127.583	270.943	129.437	ON
130125_150248	209	Cleared	30	123300	1724	486931.1	2127.583	270.943	129.437	ON
130125_150248	209	Yellow Warning	30	123300	1724	486931.1	2127.583	270.943	129.437	ON

130125_150248	209	Yellow Warning	30	123300	1724	486931.1	2127.583	270.943	129.437	ON
130125_150248	209	Cleared	30	123300	1724	486931.1	2127.337	270.911	129.469	ON
130125_150248	209	Cleared	30	123300	1724	486931.1	2127.337	270.911	129.469	ON
		OFF-LINE	30	123300	1724	486960.8	2143.991	257.994	120.81	ON
		OFF-LINE	30	123300	1724	486990.8	2136.842	298.829	110.916	ON
		OFF-LINE	30	123300	1724	487020.8	2132.391	66.474	143.583	ON
		OFF-LINE	30	123300	1724	487050.8	2118.25	81.691	146.454	ON
130125_151724	208	ON	30	123300	1724	487060.7	2118.674	85.65	142.258	ON
130125_151724	208	ON-LINE	30	123300	1724	487089.8	2120.154	84.443	138.837	ON
130125_151724	208	ON-LINE	30	123300	1724	487119.8	2125.932	87.565	143.054	ON
130125_151724	208	ON-LINE	30	123300	1724	487149.8	2131.997	82.975	144.816	ON
130125_151724	208	ON-LINE	30	123300	1724	487179.7	2140.577	84.642	145.306	ON
130125_151724	208	ON-LINE	30	123300	1724	487209.8	2133.625	84.554	146.924	ON
130125_151724	208	ON-LINE	30	123300	1724	487239.7	2129.289	82.987	145.815	ON
130125_151724	208	ON-LINE	30	123300	1724	487269.8	2127.967	82.661	144.233	ON
130125_151724	208	ON-LINE	30	123300	1724	487299.7	2123.397	83.419	143.967	ON
130125_151724	208	ON-LINE	30	123300	1724	487329.8	2118.618	85.512	144.651	ON
130125_151724	208	ON-LINE	30	123300	1724	487359.7	2121.624	86.568	142.489	ON
130125_151724	208	ON-LINE	30	123300	1724	487389.8	2127.991	83.469	142.787	ON
130125_151724	208	ON-LINE	30	123300	1724	487419.8	2135.421	84.255	143.023	ON
130125_151724	208	ON-LINE	30	123300	1724	487449.8	2132.975	83.717	145.223	ON
130125_151724	208	ON-LINE	30	123300	1724	487479.8	2134.457	83.368	145.276	ON
130125_151724	208	ON-LINE	30	123300	1724	487509.7	2133.226	84.357	146.345	ON
130125_151724	208	ON-LINE	30	123300	1724	487539.8	2133.4	85.194	146.111	ON
130125_151724	208	ON-LINE	30	123300	1724	487569.7	2135.414	84.978	144.749	ON
130125_151724	208	ON-LINE	30	123300	1724	487599.8	2134.305	84.841	144.296	ON
130125_151724	208	ON-LINE	30	123300	1724	487629.7	2137.114	84.333	143.904	ON
130125_151724	208	ON-LINE	30	123300	1724	487659.8	2134.755	84.764	145.793	ON

130125_151724	208	ON-LINE	30	123300	1724	487689.7	2143.648	83.963	143.653	ON
130125_151724	208	ON-LINE	30	123300	1724	487719.8	2139.502	84.147	145.186	ON
130125_151724	208	OFF	30	123300	1724	487724.3	2140.913	83.238	144.599	ON
130125_151724	208	Yellow Warning	30	123300	1724	487724.3	2140.33	82.534	144.63	ON
130125_151724	208	Yellow Warning	30	123300	1724	487724.3	2140.33	82.534	144.63	ON
130125_151724	208	Cleared	30	123300	1724	487724.3	2140.212	82.04	144.626	ON
130125_151724	208	Cleared	30	123300	1724	487724.3	2140.212	82.04	144.626	ON
		OFF-LINE	30	123300	1724	487753.8	2150.778	103.513	143.126	ON
		OFF-LINE	30	123300	1724	487783.8	2124.103	33.896	143.597	ON
		OFF-LINE	30	123300	1724	487813.8	2109.4	299.588	118.646	ON
		OFF-LINE	30	123300	1724	487843.7	2133.873	268.803	121.242	ON
130125_153056	207	ON	30	123300	1724	487872.3	2135.303	268.036	126.757	ON
130125_153056	207	ON-LINE	30	123300	1724	487901.7	2128.398	270.469	130.198	ON
130125_153056	207	ON-LINE	30	123300	1724	487931.8	2124.427	271.371	131.424	ON
130125_153056	207	ON-LINE	30	123300	1724	487961.8	2128.659	269.588	130.847	ON
130125_153056	207	ON-LINE	30	123300	1724	487991.7	2130.58	272.408	130.397	ON
130125_153056	207	ON-LINE	30	123300	1724	488021.8	2124.5	271.828	132.089	ON
130125_153056	207	ON-LINE	30	123300	1724	488051.7	2126.062	271.052	131.561	ON
130125_153056	207	ON-LINE	30	123300	1724	488081.8	2126.41	271.158	131.192	ON
130125_153056	207	ON-LINE	30	123300	1724	488111.7	2122.265	272.072	131.82	ON
130125_153056	207	ON-LINE	30	123300	1724	488141.8	2123.224	270.462	131.297	ON
130125_153056	207	ON-LINE	30	123300	1724	488171.7	2132.384	270.169	129.485	ON
130125_153056	207	ON-LINE	30	123300	1724	488201.8	2125.703	271.815	130.296	ON
130125_153056	207	ON-LINE	30	123300	1724	488231.8	2125.877	270.653	130.106	ON
130125_153056	207	ON-LINE	30	123300	1724	488261.7	2127.603	271.61	130.627	ON
130125_153056	207	ON-LINE	30	123300	1724	488291.8	2127.51	270.187	130.058	ON
130125_153056	207	ON-LINE	30	123300	1724	488321.7	2129.527	270.67	128.911	ON
130125_153056	207	ON-LINE	30	123300	1724	488351.8	2123.741	270.096	129.898	ON

130125_153056	207	ON-LINE	30	123300	1724	488381.7	2128.394	270.618	128.725	ON
130125_153056	207	ON-LINE	30	123300	1724	488411.8	2120.699	271.663	130.894	ON
130125_153056	207	ON-LINE	30	123300	1724	488441.7	2124.406	270.847	129.522	ON
130125_153056	207	ON-LINE	30	123300	1724	488471.8	2126.666	270.817	128.861	ON
130125_153056	207	ON-LINE	30	123300	1724	488501.7	2134.977	270.197	127.619	ON
130125_153056	207	ON-LINE	30	123300	1724	488531.7	2134.646	270.329	128.229	ON
130125_153056	207	ON-LINE	30	123300	1724	488561.7	2120.795	269.264	130.529	ON
130125_153056	207	ON-LINE	30	123300	1724	488591.7	2132.579	270.843	128.051	ON
130125_153056	207	OFF	30	123300	1724	488608.1	2128.17	269.703	129.323	ON
		Yellow Warning	30	123300	1724	488608.1	2124.741	267.617	130.488	ON
		Yellow Warning	30	123300	1724	488608.1	2124.741	267.617	130.488	ON
130125_153056	207	Cleared	30	123300	1724	488608.1	2124.071	266.663	130.819	ON
130125_153056	207	Cleared	30	123300	1724	488608.1	2124.071	266.663	130.819	ON
		OFF-LINE	30	123300	1724	488637.7	2131.029	242.95	128.553	ON
		OFF-LINE	30	123300	1724	488667.7	2129.941	302.285	113.759	ON
		OFF-LINE	30	123300	1724	488697.7	2139.094	49.818	137.392	ON
		OFF-LINE	30	123300	1724	488727.7	2146.332	86.033	142.654	ON
130125_154528	206	ON	30	123300	1724	488744.4	2144.335	81.388	144.581	ON
130125_154528	206	ON-LINE	30	123300	1724	488773.7	2139.85	85.974	145.787	ON
130125_154528	206	ON-LINE	30	123300	1724	488803.7	2140.724	84.391	145.023	ON
130125_154528	206	ON-LINE	30	123300	1724	488833.7	2140.021	85.183	143.622	ON
130125_154528	206	ON-LINE	30	123300	1724	488863.7	2138.487	83.858	143.797	ON
130125_154528	206	ON-LINE	30	123300	1724	488893.8	2138.136	84.573	143.586	ON
130125_154528	206	ON-LINE	30	123300	1724	488923.7	2139.882	85.366	143.758	ON
130125_154528	206	ON-LINE	30	123300	1724	488953.8	2139.909	85.278	144.824	ON
130125_154528	206	ON-LINE	30	123300	1724	488983.7	2137.353	84.362	144.637	ON
130125_154528	206	ON-LINE	30	123300	1724	489013.7	2157.341	86.069	139.579	ON
130125_154528	206	ON-LINE	30	123300	1724	489043.7	2143.933	84.013	144.148	ON

130125_154528	206	ON-LINE	30	123300	1724	489073.7	2133.818	83.6	146.666	ON
130125_154528	206	ON-LINE	30	123300	1724	489103.7	2135.202	86.341	145.993	ON
130125_154528	206	ON-LINE	30	123300	1724	489133.7	2132.077	86.442	145.805	ON
130125_154528	206	ON-LINE	30	123300	1724	489163.8	2122.046	84.275	147.302	ON
130125_154528	206	ON-LINE	30	123300	1724	489193.7	2113.131	85.589	147.238	ON
130125_154528	206	ON-LINE	30	123300	1724	489223.7	2126.814	84.659	143.044	ON
130125_154528	206	ON-LINE	30	123300	1724	489253.7	2130.269	82.511	143.669	ON
130125_154528	206	ON-LINE	30	123300	1724	489283.7	2133.226	85.398	144.733	ON
130125_154528	206	ON-LINE	30	123300	1724	489313.7	2133.74	86.145	145.912	ON
130125_154528	206	ON-LINE	30	123300	1724	489343.7	2137.096	85.933	144.975	ON
130125_154528	206	ON-LINE	30	123300	1724	489373.7	2132.919	83.773	145.394	ON
130125_154528	206	ON-LINE	30	123300	1724	489403.7	2129.633	84.863	145.491	ON
130125_154528	206	OFF	30	123300	1724	489405.5	2129.5	84.761	145.386	ON
130125_154528	206	Yellow Warning	30	123300	1724	489405.5	2129.608	84.382	145.198	ON
130125_154528	206	Yellow Warning	30	123300	1724	489405.5	2129.608	84.382	145.198	ON
130125_154528	206	Cleared	30	123300	1724	489405.5	2129.728	85.264	145.219	ON
130125_154528	206	Cleared	30	123300	1724	489405.5	2129.728	85.264	145.219	ON
		OFF-LINE	30	123300	1724	489434.7	2128.863	130.964	142.883	ON
		OFF-LINE	30	123300	1724	489464.7	2144.524	54.705	147.143	ON
		OFF-LINE	30	123300	1724	489494.8	2115.37	305.601	128.843	ON
		OFF-LINE	30	123300	1724	489524.7	2115.242	273.459	128.839	ON
		OFF-LINE	30	123300	1724	489554.8	2116.596	271.638	129.146	ON
130125_155906	205	ON	30	123300	1724	489562.1	2115.579	268.644	129.688	ON
130125_155906	205	ON-LINE	30	123300	1724	489591.7	2123.232	269.197	129.431	ON
130125_155906	205	ON-LINE	30	123300	1724	489621.8	2121.554	269.452	131.296	ON
130125_155906	205	ON-LINE	30	123300	1724	489651.7	2121.779	269.717	131.977	ON
130125_155906	205	ON-LINE	30	123300	1724	489681.7	2123.549	268.778	132.607	ON
130125_155906	205	ON-LINE	30	123300	1724	489711.7	2120.073	269.28	132.793	ON

130125_155906	205	ON-LINE	30	123300	1724	489741.7	2118.718	269.657	132.965	ON
130125_155906	205	ON-LINE	30	123300	1724	489771.7	2121.932	269.504	131.555	ON
130125_155906	205	ON-LINE	30	123300	1724	489801.7	2129.323	270.119	129.756	ON
130125_155906	205	ON-LINE	30	123300	1724	489831.7	2124.21	269.778	131.29	ON
130125_155906	205	ON-LINE	30	123300	1724	489861.7	2136.153	271.161	129.985	ON
130125_155906	205	ON-LINE	30	123300	1724	489891.7	2128.425	268.771	132.707	ON
130125_155906	205	ON-LINE	30	123300	1724	489921.7	2135.986	270.571	131.333	ON
130125_155906	205	ON-LINE	30	123300	1724	489951.8	2135.946	270.365	132.124	ON
130125_155906	205	ON-LINE	30	123300	1724	489981.7	2137.361	271.073	130.74	ON
130125_155906	205	ON-LINE	30	123300	1724	490011.8	2126.75	271.636	133.666	ON
130125_155906	205	ON-LINE	30	123300	1724	490041.7	2139.631	269.122	129.861	ON
130125_155906	205	ON-LINE	30	123300	1724	490071.8	2138.673	270.685	130.621	ON
130125_155906	205	ON-LINE	30	123300	1724	490101.7	2139.163	271.397	129.41	ON
130125_155906	205	ON-LINE	30	123300	1724	490131.7	2134.784	270.291	129.793	ON
130125_155906	205	ON-LINE	30	123300	1724	490161.8	2139.68	270.299	129.577	ON
130125_155906	205	ON-LINE	30	123300	1724	490191.7	2134.74	269.623	131.441	ON
130125_155906	205	ON-LINE	30	123300	1724	490221.8	2134.942	270.738	131.235	ON
130125_155906	205	ON-LINE	30	123300	1724	490251.7	2135.229	270.792	130.154	ON
130125_155906	205	ON-LINE	30	123300	1724	490281.8	2138.088	270.232	128.777	ON
130125_155906	205	OFF	30	123300	1724	490293.4	2133.26	272.414	129.523	ON
130125_155906	205	Yellow Warning	30	123300	1724	490293.4	2131.099	272.311	129.959	ON
130125_155906	205	Yellow Warning	30	123300	1724	490293.4	2131.099	272.311	129.959	ON
130125_155906	205	Cleared	30	123300	1724	490293.4	2130.321	271.859	130.244	ON
130125_155906	205	Cleared	30	123300	1724	490293.4	2130.321	271.859	130.244	ON
		OFF-LINE	30	123300	1724	490322.7	2114.013	249.961	134.357	ON
		OFF-LINE	30	123300	1724	490352.8	2130.108	317.122	122.398	ON
		OFF-LINE	30	123300	1724	490382.7	2132.695	77.714	149.65	ON
		OFF-LINE	30	123300	1724	490412.7	2142.367	85.188	148.164	ON

130125_161320	204	ON	30	123300	1724	490416.6	2142.459	87.035	148.757	ON
130125_161320	204	ON-LINE	30	123300	1724	490445.7	2142.548	86.243	146.272	ON
130125_161320	204	ON-LINE	30	123300	1724	490475.7	2133.829	85.41	149.139	ON
130125_161320	204	ON-LINE	30	123300	1724	490505.8	2139.834	83.504	147.235	ON
130125_161320	204	ON-LINE	30	123300	1724	490535.7	2147.962	82.903	144.447	ON
130125_161320	204	ON-LINE	30	123300	1724	490565.8	2147.732	86.868	146.068	ON
130125_161320	204	ON-LINE	30	123300	1724	490595.7	2148.734	83.744	145.416	ON
130125_161320	204	ON-LINE	30	123300	1724	490625.8	2146.231	82.445	145.933	ON
130125_161320	204	ON-LINE	30	123300	1724	490655.7	2149.286	86.673	145.27	ON
130125_161320	204	ON-LINE	30	123300	1724	490685.7	2148.882	84.823	145.626	ON
130125_161320	204	ON-LINE	30	123300	1724	490715.7	2142.937	85.424	147.137	ON
130125_161320	204	ON-LINE	30	123300	1724	490745.7	2137.697	85.812	147.266	ON
130125_161320	204	ON-LINE	30	123300	1724	490775.8	2129.207	85.281	147.839	ON
130125_161320	204	ON-LINE	30	123300	1724	490805.7	2132.052	86.601	145.538	ON
130125_161320	204	ON-LINE	30	123300	1724	490835.7	2131.861	86.136	144.823	ON
130125_161320	204	ON-LINE	30	123300	1724	490865.7	2129.022	85.105	145.762	ON
130125_161320	204	ON-LINE	30	123300	1724	490895.8	2121.956	85.674	145.524	ON
130125_161320	204	ON-LINE	30	123300	1724	490925.7	2127.785	88.17	143.853	ON
130125_161320	204	ON-LINE	30	123300	1724	490955.7	2137.497	85.713	142.463	ON
130125_161320	204	ON-LINE	30	123300	1724	490985.7	2138.552	82.095	143.614	ON
130125_161320	204	ON-LINE	30	123300	1724	491015.7	2136.265	84.399	143.443	ON
130125_161320	204	ON-LINE	30	123300	1724	491045.8	2145.255	83.831	142.323	ON
130125_161320	204	OFF	30	123300	1724	491075	2138.761	84.439	145.432	ON
130125_161320	204	Yellow Warning	30	123300	1724	491075	2138.262	84.697	145.623	ON
130125_161320	204	Cleared	30	123300	1724	491075	2137.996	84.915	145.757	ON
130125_161320	204	Yellow Warning	30	123300	1724	491075	2137.996	84.915	145.757	ON
130125_161320	204	Yellow Warning	30	123300	1724	491075	2137.996	84.915	145.757	ON

130125_161320	204	Cleared	30	123300	1724	491075	2138.191	85.893	145.808	ON
130125_161320	204	Cleared	30	123300	1724	491075	2138.191	85.893	145.808	ON
		OFF-LINE	30	123300	1724	491104.8	2141.831	152.882	139.411	ON
		OFF-LINE	30	123300	1724	491134.7	2104.413	183.248	147.097	ON
		OFF-LINE	30	123300	1724	491164.8	2111.721	183.969	148.075	ON
		OFF-LINE	30	123300	1724	491194.7	2123.147	212.229	139.461	ON
		OFF-LINE	30	123300	1724	491224.7	2134.571	257.629	130.025	ON
		OFF-LINE	30	123300	1724	491254.7	2131.62	267.315	131.928	ON
		OFF-LINE	30	123300	1724	491284.7	2115.746	268.098	135.714	ON
		OFF-LINE	30	123300	1724	491314.7	2088.759	300.292	139.031	ON
130125_162838	UL001	ON	30	123300	1724	491334	2103.416	358.112	148.18	ON
130125_162838	UL001	ON-LINE	30	123300	1724	491363.7	2126.686	352.86	141.829	ON
130125_162838	UL001	ON-LINE	30	123300	1724	491393.7	2139.08	351.988	140.788	ON
130125_162838	UL001	ON-LINE	30	123300	1724	491423.7	2137.755	352.277	143.522	ON
130125_162838	UL001	ON-LINE	30	123300	1724	491453.7	2134.264	350.628	144.357	ON
130125_162838	UL001	ON-LINE	30	123300	1724	491483.7	2134.11	350.763	143.98	ON
130125_162838	UL001	ON-LINE	30	123300	1724	491513.7	2140.19	348.495	142.142	ON
130125_162838	UL001	OFF	30	123300	1724	491534.2	2138.318	353.5	144.81	ON
130125_162838	UL001	Yellow Warning	30	123300	1724	491534.2	2137.28	354.975	145.839	ON
130125_162838	UL001	Yellow Warning	30	123300	1724	491534.2	2137.28	354.975	145.839	ON
130125_162838	UL001	Cleared	30	123300	1724	491534.2	2136.91	357.364	146.702	ON
130125_162838	UL001	Cleared	30	123300	1724	491534.2	2136.91	357.364	146.702	ON
		OFF-LINE	30	123300	1724	491563.7	2128.365	62.411	168.137	ON
		OFF-LINE	30	123300	1724	491593.7	2105.935	122.94	172.986	ON
		OFF-LINE	30	123300	1724	491623.7	2106.117	148.926	164.408	ON
		OFF-LINE	30	123300	1724	491653.7	2131.151	145.464	159.415	ON
		OFF-LINE	30	123300	1724	491683.7	2115.744	163.987	158.159	ON
		OFF-LINE	30	123300	1724	491713.8	2107.668	288.541	126.298	ON

130125_163518	203	ON	30	123300	1724	491734.9	2088.937	265.459	126.437	ON
130125_163518	203	ON-LINE	30	123300	1724	491764.7	2126.691	272.767	120.789	ON
130125_163518	203	ON-LINE	30	123300	1724	491794.7	2138.5	270.155	125.521	ON
130125_163518	203	ON-LINE	30	123300	1724	491824.7	2157.149	269.379	125.916	ON
130125_163518	203	ON-LINE	30	123300	1724	491854.7	2139.547	271.22	132.963	ON
130125_163518	203	Yellow Warning	30	123300	1724	491854.7	2133.104	269.94	133.63	ON
130125_163518	203	Yellow Warning	30	123300	1724	491854.7	2133.273	270.366	133.537	ON
130125_163518	203	Cleared	30	123300	1724	491854.7	2133.942	270.845	133.2	ON
130125_163518	203	Cleared	30	123300	1724	491854.7	2134.613	271.151	132.934	ON
130125_163518	203	ON-LINE	30	123300	1724	491884.7	2135.724	270.662	132.402	ON
130125_163518	203	ON-LINE	30	123300	1724	491914.7	2133.027	270.71	131.216	ON
130125_163518	203	Yellow Warning	30	123300	1724	491914.7	2131.78	270.715	131.277	ON
130125_163518	203	Cleared	30	123300	1724	491914.7	2131.419	270.847	131.222	ON
130125_163518	203	ON-LINE	30	123300	1724	491944.7	2135.881	270.993	130.004	ON
130125_163518	203	ON-LINE	30	123300	1724	491974.7	2133.879	270.07	131.875	ON
130125_163518	203	ON-LINE	30	123300	1724	492004.7	2143.495	270.669	131.081	ON
130125_163518	203	Yellow Warning	30	123300	1724	492004.7	2143.506	270.464	131.125	ON
130125_163518	203	Cleared	30	123300	1724	492004.7	2143.424	270.442	131.205	ON
130125_163518	203	Yellow Warning	30	123300	1724	492004.7	2143.424	270.442	131.205	ON
130125_163518	203	Yellow Warning	30	123300	1724	492004.7	2143.294	270.418	131.271	ON
130125_163518	203	Cleared	30	123300	1724	492004.7	2143.294	270.418	131.271	ON
130125_163518	203	Yellow Warning	30	123300	1724	492004.7	2142.89	270.283	131.422	ON
130125_163518	203	Cleared	30	123300	1724	492004.7	2142.706	270.403	131.469	ON
130125_163518	203	Cleared	30	123300	1724	492004.7	2142.576	270.33	131.49	ON

130125_163518	203	Yellow Warning	30	123300	1724	492004.7	2144.141	270.172	130.648	ON
130125_163518	203	Yellow Warning	30	123300	1724	492004.7	2143.993	270.207	130.671	ON
130125_163518	203	Cleared	30	123300	1724	492004.7	2143.924	270.199	130.702	ON
130125_163518	203	Cleared	30	123300	1724	492004.7	2143.924	270.199	130.702	ON
130125_163518	203	ON-LINE	30	123300	1724	492034.7	2143.819	269.545	130.781	ON
130125_163518	203	Yellow Warning	30	123300	1724	492034.7	2141.454	270.706	131.033	ON
130125_163518	203	Cleared	30	123300	1724	492034.7	2140.772	270.908	131.023	ON
130125_163518	203	Yellow Warning	30	123300	1724	492034.7	2140.772	270.908	131.023	ON
130125_163518	203	Cleared	30	123300	1724	492034.7	2140.443	271.056	131.016	ON
130125_163518	203	ON-LINE	30	123300	1724	492064.7	2138.973	269.829	131.039	ON
130125_163518	203	Yellow Warning	30	123300	1724	492064.7	2136.1	269.921	131.218	ON
130125_163518	203	Cleared	30	123300	1724	492064.7	2135.486	269.785	131.33	ON
130125_163518	203	Yellow Warning	30	123300	1724	492064.7	2135.486	269.785	131.33	ON
130125_163518	203	Cleared	30	123300	1724	492064.7	2134.845	269.789	131.43	ON
130125_163518	203	ON-LINE	30	123300	1724	492094.7	2129.587	270.253	131.715	ON
130125_163518	203	ON-LINE	30	123300	1724	492124.7	2117.94	270.031	132.419	ON
130125_163518	203	ON-LINE	30	123300	1724	492154.7	2130.679	270.752	128.924	ON
130125_163518	203	ON-LINE	30	123300	1724	492184.7	2128.847	269.554	129.895	ON
130125_163518	203	Yellow Warning	30	123300	1724	492184.7	2126.253	269.991	130.538	ON
130125_163518	203	Yellow Warning	30	123300	1724	492184.7	2126.253	269.991	130.538	ON
130125_163518	203	Yellow Warning	30	123300	1724	492184.7	2127.958	268.218	130.088	ON
130125_163518	203	Cleared	30	123300	1724	492184.7	2128.536	268.161	129.927	ON

130125_163518	203	Cleared	30	123300	1724	492184.7	2129.737	268.9	129.605	ON
130125_163518	203	Cleared	30	123300	1724	492184.7	2130.394	269.696	129.412	ON
130125_163518	203	ON-LINE	30	123300	1724	492214.7	2131.372	271.689	129.139	ON
130125_163518	203	Yellow Warning	30	123300	1724	492214.7	2130.453	268.499	129.387	ON
130125_163518	203	Yellow Warning	30	123300	1724	492214.7	2130.066	268.719	129.489	ON
130125_163518	203	Cleared	30	123300	1724	492214.7	2127.738	269.626	130.153	ON
130125_163518	203	Cleared	30	123300	1724	492214.7	2126.836	269.499	130.383	ON
130125_163518	203	Yellow Warning	30	123300	1724	492214.7	2126.025	269.915	130.575	ON
130125_163518	203	Yellow Warning	30	123300	1724	492214.7	2124.279	270.341	130.977	ON
130125_163518	203	Yellow Warning	30	123300	1724	492214.7	2122.593	270.603	131.355	ON
130125_163518	203	Cleared	30	123300	1724	492214.7	2121.555	270.784	131.565	ON
130125_163518	203	Cleared	30	123300	1724	492214.7	2120.807	270.851	131.694	ON
130125_163518	203	Yellow Warning	30	123300	1724	492214.7	2119.548	270.661	131.897	ON
130125_163518	203	Cleared	30	123300	1724	492214.7	2118.824	269.734	132.013	ON
130125_163518	203	Yellow Warning	30	123300	1724	492214.7	2118.824	269.734	132.013	ON
130125_163518	203	Cleared	30	123300	1724	492214.7	2118.419	269.014	132.051	ON
130125_163518	203	Yellow Warning	30	123300	1724	492214.7	2118.419	269.014	132.051	ON
130125_163518	203	Cleared	30	123300	1724	492214.7	2117.644	268.752	132.138	ON
130125_163518	203	ON-LINE	30	123300	1724	492244.7	2116.974	269.346	132.226	ON
130125_163518	203	Cleared	30	123300	1724	492244.7	2116.884	269.537	132.232	ON
130125_163518	203	Yellow Warning	30	123300	1724	492244.7	2123.146	269.323	130.308	ON
130125_163518	203	Cleared	30	123300	1724	492244.7	2123.612	269.061	130.218	ON

130125_163518	203	ON-LINE	30	123300	1724	492274.7	2123.892	269.557	130.156	ON
130125_163518	203	Yellow Warning	30	123300	1724	492274.7	2122.569	270.516	130.611	ON
130125_163518	203	Yellow Warning	30	123300	1724	492274.7	2122.569	270.516	130.611	ON
130125_163518	203	Yellow Warning	30	123300	1724	492274.7	2121.972	270.461	130.764	ON
130125_163518	203	Cleared	30	123300	1724	492274.7	2121.054	270.105	130.972	ON
130125_163518	203	Cleared	30	123300	1724	492274.7	2120.777	269.954	131.01	ON
130125_163518	203	Yellow Warning	30	123300	1724	492274.7	2120.677	269.744	131.006	ON
130125_163518	203	Yellow Warning	30	123300	1724	492274.7	2120.677	269.744	131.006	ON
130125_163518	203	Cleared	30	123300	1724	492274.7	2120.677	269.744	131.006	ON
130125_163518	203	Yellow Warning	30	123300	1724	492274.7	2120.513	269.468	131.032	ON
130125_163518	203	Cleared	30	123300	1724	492274.7	2120.109	269.55	131.01	ON
130125_163518	203	Cleared	30	123300	1724	492274.7	2119.861	269.637	131.001	ON
130125_163518	203	Yellow Warning	30	123300	1724	492274.7	2119.096	269.609	131.048	ON
130125_163518	203	Cleared	30	123300	1724	492274.7	2118.777	269.742	131.033	ON
130125_163518	203	Yellow Warning	30	123300	1724	492274.7	2118.777	269.742	131.033	ON
130125_163518	203	Cleared	30	123300	1724	492274.7	2118.637	269.699	130.974	ON
130125_163518	203	Cleared	30	123300	1724	492274.7	2118.637	269.699	130.974	ON
130125_163518	203	ON-LINE	30	123300	1724	492304.7	2119.572	269.981	130.433	ON
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2119.402	270.186	130.467	ON
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2119.412	270.29	130.463	ON
130125_163518	203	Cleared	30	123300	1724	492304.7	2119.412	270.29	130.463	ON
130125_163518	203	Yellow	30	123300	1724	492304.7	2119.412	270.29	130.463	ON

		Warning									
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2119.532	270.4	130.412	ON	
130125_163518	203	Cleared	30	123300	1724	492304.7	2119.532	270.4	130.412	ON	
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2119.903	270.222	130.325	ON	
130125_163518	203	Cleared	30	123300	1724	492304.7	2120.574	269.26	130.151	ON	
130125_163518	203	Cleared	30	123300	1724	492304.7	2120.574	269.26	130.151	ON	
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2121.23	268.826	130.007	ON	
130125_163518	203	Cleared	30	123300	1724	492304.7	2121.23	268.826	130.007	ON	
130125_163518	203	Cleared	30	123300	1724	492304.7	2121.865	268.555	129.875	ON	
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2121.865	268.555	129.875	ON	
130125_163518	203	Cleared	30	123300	1724	492304.7	2122.619	268.125	129.705	ON	
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2124.154	268.727	129.403	ON	
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2123.093	269.434	129.707	ON	
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2121.884	269.682	129.971	ON	
130125_163518	203	Cleared	30	123300	1724	492304.7	2119.849	269.99	130.425	ON	
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2119.152	270.124	130.563	ON	
130125_163518	203	Cleared	30	123300	1724	492304.7	2118.453	270.125	130.724	ON	
130125_163518	203	Cleared	30	123300	1724	492304.7	2118.453	270.125	130.724	ON	
130125_163518	203	Cleared	30	123300	1724	492304.7	2117.133	269.698	130.991	ON	
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2117.133	269.698	130.991	ON	
130125_163518	203	Yellow Warning	30	123300	1724	492304.7	2117.133	269.698	130.991	ON	
130125_163518	203	ON-LINE	30	123300	1724	492334.7	2116.747	269.611	131.032	ON	

130125_163518	203	Cleared	30	123300	1724	492334.7	2116.689	269.267	130.994	ON
130125_163518	203	Cleared	30	123300	1724	492334.7	2116.944	269.158	130.887	ON
130125_163518	203	Yellow Warning	30	123300	1724	492334.7	2113.911	270.122	130.83	ON
130125_163518	203	Yellow Warning	30	123300	1724	492334.7	2113.911	270.122	130.83	ON
130125_163518	203	Yellow Warning	30	123300	1724	492334.7	2114.376	268.305	130.612	ON
130125_163518	203	Cleared	30	123300	1724	492334.7	2114.984	268.488	130.439	ON
130125_163518	203	Yellow Warning	30	123300	1724	492334.7	2115.408	268.514	130.34	ON
130125_163518	203	Cleared	30	123300	1724	492334.7	2115.026	268.504	130.478	ON
130125_163518	203	Cleared	30	123300	1724	492334.7	2115.026	268.504	130.478	ON
130125_163518	203	Cleared	30	123300	1724	492334.7	2114.559	269.001	130.608	ON
130125_163518	203	Yellow Warning	30	123300	1724	492334.7	2114.537	268.805	130.607	ON
130125_163518	203	Cleared	30	123300	1724	492334.7	2115.19	270.429	130.417	ON
130125_163518	203	ON-LINE	30	123300	1724	492364.7	2117.899	270.296	129.796	ON
130125_163518	203	Yellow Warning	30	123300	1724	492364.7	2118.043	269.44	130.17	ON
130125_163518	203	Cleared	30	123300	1724	492364.7	2118.388	269.371	130.06	ON
130125_163518	203	Yellow Warning	30	123300	1724	492364.7	2118.388	269.371	130.06	ON
130125_163518	203	Yellow Warning	30	123300	1724	492364.7	2118.745	269.254	129.946	ON
130125_163518	203	Cleared	30	123300	1724	492364.7	2119.536	269.467	129.757	ON
130125_163518	203	ON-LINE	30	123300	1724	492394.7	2118.96	269.811	129.93	ON
130125_163518	203	Cleared	30	123300	1724	492394.7	2118.623	269.769	130.032	ON
130125_163518	203	ON-LINE	30	123300	1724	492424.7	2117.827	268.527	130.165	ON
130125_163518	203	Yellow Warning	30	123300	1724	492424.7	2122.139	270.344	129	ON

130125_163518	203	Yellow Warning	30	123300	1724	492424.7	2122.656	270.597	128.88	ON
130125_163518	203	Cleared	30	123300	1724	492424.7	2122.646	269.58	128.883	ON
130125_163518	203	Cleared	30	123300	1724	492424.7	2122.646	269.58	128.883	ON
130125_163518	203	Yellow Warning	30	123300	1724	492424.7	2122.614	269.029	128.892	ON
130125_163518	203	Yellow Warning	30	123300	1724	492424.7	2122.614	269.029	128.892	ON
130125_163518	203	Cleared	30	123300	1724	492424.7	2122.486	268.609	128.919	ON
130125_163518	203	Yellow Warning	30	123300	1724	492424.7	2122.486	268.609	128.919	ON
130125_163518	203	Cleared	30	123300	1724	492424.7	2122.334	268.548	128.955	ON
130125_163518	203	Cleared	30	123300	1724	492424.7	2122.122	268.496	129.01	ON
130125_163518	203	ON-LINE	30	123300	1724	492454.7	2115.272	271.048	130.529	ON
130125_163518	203	OFF	30	123300	1724	492472.3	2111.843	270.888	131.527	ON
130125_163518	203	Yellow Warning	30	123300	1724	492472.3	2110.532	271.202	131.696	ON
130125_163518	203	Yellow Warning	30	123300	1724	492472.3	2110.532	271.202	131.696	ON
130125_163518	203	Cleared	30	123300	1724	492472.3	2110.067	273.548	131.752	ON
130125_163518	203	Cleared	30	123300	1724	492472.3	2110.067	273.548	131.752	ON
		OFF-LINE	30	123300	1724	492501.7	2128.131	9.095	148	ON
		OFF-LINE	30	123300	1724	492531.6	2114.202	119.149	169.882	ON
130125_164859	UL002	ON	30	123300	1724	492555	2106.222	192.382	144.366	ON
130125_164859	UL002	Yellow Warning	30	123300	1724	492555	2104.63	187.858	147.397	ON
130125_164859	UL002	Cleared	30	123300	1724	492555	2105.055	187.467	147.695	ON
130125_164859	UL002	Yellow Warning	30	123300	1724	492555	2116.758	184.721	149.889	ON
130125_164859	UL002	Cleared	30	123300	1724	492555	2118.327	184.856	149.772	ON
130125_164859	UL002	Yellow	30	123300	1724	492555	2118.327	184.856	149.772	ON

		Warning									
130125_164859	UL002	Yellow Warning	30	123300	1724	492555	2118.327	184.856	149.772	ON	
130125_164859	UL002	ON-LINE	30	123300	1724	492584.7	2119.675	185.147	149.712	ON	
130125_164859	UL002	Cleared	30	123300	1724	492584.7	2122.612	185.542	149.49	ON	
130125_164859	UL002	Cleared	30	123300	1724	492584.7	2123.442	185.511	149.511	ON	
130125_164859	UL002	ON-LINE	30	123300	1724	492614.7	2124.975	185.05	152.948	ON	
130125_164859	UL002	Yellow Warning	30	123300	1724	492614.7	2122.193	185.1	154.137	ON	
130125_164859	UL002	Yellow Warning	30	123300	1724	492614.7	2122.193	185.1	154.137	ON	
130125_164859	UL002	Yellow Warning	30	123300	1724	492614.7	2121.579	185.136	154.52	ON	
130125_164859	UL002	Cleared	30	123300	1724	492614.7	2121.317	185.217	154.617	ON	
130125_164859	UL002	Cleared	30	123300	1724	492614.7	2120.894	185.418	154.751	ON	
130125_164859	UL002	Cleared	30	123300	1724	492614.7	2120.508	185.534	154.868	ON	
130125_164859	UL002	ON-LINE	30	123300	1724	492644.7	2126.423	184.114	154.29	ON	
130125_164859	UL002	ON-LINE	30	123300	1724	492674.7	2138.163	184.467	153.217	ON	
130125_164859	UL002	OFF	30	123300	1724	492696.6	2141.622	184.437	151.727	ON	
130125_164859	UL002	Yellow Warning	30	123300	1724	492696.6	2140.537	184.428	150.527	ON	
130125_164859	UL002	Cleared	30	123300	1724	492696.6	2139.624	184.425	150.19	ON	
130125_164859	UL002	Yellow Warning	30	123300	1724	492696.6	2139.624	184.425	150.19	ON	
130125_164859	UL002	Yellow Warning	30	123300	1724	492696.6	2139.624	184.425	150.19	ON	
130125_164859	UL002	Cleared	30	123300	1724	492696.6	2138.147	184.561	149.991	ON	
130125_164859	UL002	Cleared	30	123300	1724	492696.6	2138.147	184.561	149.991	ON	
		OFF-LINE	30	123300	1724	492725.7	1982.665	140.358	181.065	ON	
		OFF-LINE	30	123300	1724	492755.7	1865.425	146.645	164.473	ON	
		OFF-LINE	30	123300	1724	492785.7	1640.779	78.39	186.61	ON	

		OFF-LINE	30	123300	1724	492815.7	1449.767	44.619	187.95	ON
		OFF-LINE	30	123300	1724	492845.7	1235.242	59.319	189.326	ON
		OFF-LINE	30	123300	1724	492875.7	997.135	47.289	196.587	ON
		OFF-LINE	30	123300	1724	492905.7	899.901	87.123	167.434	ON
		OFF-LINE	30	123300	1724	492935.6	741.843	114.87	160.07	ON
		OFF-LINE	30	123300	1724	492965.7	628.584	106.645	159.897	ON
		OFF-LINE	30	123300	1724	492995.8	570.361	114.19	149.219	ON
		OFF-LINE	30	123300	1724	493025.7	538.131	118.101	140.181	ON
		OFF-LINE	30	123300	1724	493055.8	519.62	115.388	137.931	ON
		OFF-LINE	30	123300	1724	493085.7	546.001	112.496	134.161	ON
		OFF-LINE	30	123300	1724	493115.7	522.898	106.683	142.038	ON
		OFF-LINE	30	123300	1724	493145.7	507.851	106.903	144.135	ON
		OFF-LINE	30	123300	1724	493175.7	491.305	106.729	142.926	ON
		OFF-LINE	30	123300	1724	493205.8	507.757	104.848	142.594	ON
		OFF-LINE	30	123300	1724	493235.7	510.367	106.842	144.575	ON
		OFF-LINE	30	123300	1724	493265.8	508.116	107.288	143.677	ON
		OFF-LINE	30	123300	1724	493295.7	496.667	105.397	147.727	ON
		OFF-LINE	30	123300	1724	493325.7	407.592	106.572	153.487	ON
		OFF-LINE	30	123300	1724	493355.7	286.438	116.933	143.988	ON
		OFF-LINE	30	123300	1724	493385.7	253.299	120.976	117.506	ON
		OFF-LINE	30	123300	1724	493415.8	206.033	128.476	112.294	ON
		OFF-LINE	30	123300	1724	493445.7	200.341	61.644	121.229	ON
		OFF-LINE	30	123300	1724	493475.8	184.925	83.313	105.61	ON
		OFF-LINE	30	123300	1724	493505.7	123.338	194.073	71.904	ON
		OFF-LINE	30	123300	1724	493535.7	38.38	241.371	75.354	ON
		OFF-LINE	30	123300	1724	493565.7	-3.941	240.737	43.658	ON
		OFF-LINE	30	123300	1724	493595.7	-4.796	241.568	29.739	ON
		OFF-LINE	30	123300	1724	493625.7	-4.597	121.587	15.216	ON
		OFF-LINE	30	123300	1724	493655.7	-2.683	119.831	23.065	ON

		OFF-LINE	30	123300	1724	493685.7	-0.41	119.09	23.596	ON
		OFF-LINE	30	123300	1724	493715.7	1.959	115.091	14.983	ON
		OFF-LINE	30	123300	1724	493745.8	0.545	0.502	21.265	ON
		OFF-LINE	30	123300	1724	493775.7	-0.808	0.972	11.222	ON
		OFF-LINE	30	123300	1724	493805.7	-0.928	90.176	0.157	ON
		OFF-LINE	30	123300	1724	493835.7	-1.597	90.149	0.089	ON
		OFF-LINE	30	123300	1724	493865.7	-2.064	90.14	0.058	ON
		OFF-LINE	30	123300	1724	493895.7	-2.076	90.167	0.07	ON
		OFF-LINE	30	123300	1724	493925.7	-2.15	90.105	0.068	ON
		OFF-LINE	30	123300	1724	493955.7	-2.217	90.103	0.07	ON
		OFF-LINE	30	123300	1724	493985.7	-2.228	90.045	0.058	ON
		OFF-LINE	30	123300	1724	494015.7	-2.227	90.022	0.042	ON
		OFF-LINE	30	123300	1724	494045.7	-2.218	90.035	0.037	ON
		OFF-LINE	30	123300	1724	494075.7	-2.231	90.053	0.039	ON
		OFF-LINE	30	123300	1724	494105.7	-2.22	90.601	0.066	ON
		OFF-LINE	30	123300	1724	494135.7	-1.831	90.614	0.067	ON
		OFF-LINE	30	123300	1724	494165.7	-1.816	90.693	0.044	ON
		OFF-LINE	30	123300	1724	494195.7	-1.826	90.665	0.055	ON
		OFF-LINE	30	123300	1724	494225.7	-1.804	90.761	0.07	ON
130125_164859	LASETEST	OFF	30	123300	1724	494237.3	-1.802	90.789	0.033	ON
		OFF-LINE	10	50000	1724	494266.7	-1.895	90.564	0.032	ON

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LINE ID	LINE NUMBER	ON/OFF	SET SCAN RATE	PULSERATE	WEEK NUM	SECONDS OF WEEK	ALT	HEADING	SPEED(knots)	ROLL COMP
		OFF-LINE	1	100000	1725	49222.7	5.683	321.304	0	ON
		OFF-LINE	1	100000	1725	49252.65	6.144	313.054	0.038	ON
130127_134058	BITTEST	OFF	10	50000	1725	49276.9	6.445	313.056	0.027	ON
130127_134101	BITTEST	ON	10	50000	1725	49277.2	6.445	313.068	0.027	ON
130127_134101	BITTEST	OFF	10	50000	1725	49281	6.455	313.069	0.037	ON
130127_134119	LASETEST	ON	10	50000	1725	49295.85	6.33	313.07	0.008	ON
130127_134119	LASETEST	OFF	10	50000	1725	49299.15	6.268	313.064	0.021	ON
		OFF-LINE	30	123300	1725	49328.7	3.462	349.503	4.442	ON
		OFF-LINE	30	123300	1725	49358.7	-0.87	280.657	0.244	ON
		OFF-LINE	30	123300	1725	49388.65	-1.931	280.417	0.088	ON
		OFF-LINE	30	123300	1725	49418.7	-2.2	280.469	0.059	ON
		OFF-LINE	30	123300	1725	49448.75	-1.918	280.475	0.022	ON
		OFF-LINE	30	123300	1725	49478.7	-1.886	280.404	0.047	ON
		OFF-LINE	30	123300	1725	49508.75	-1.82	280.538	0.042	ON
		OFF-LINE	30.5	82700	1725	49538.7	-1.747	280.444	0.028	ON
		OFF-LINE	30.5	82700	1725	49568.75	-1.713	280.516	0.021	ON
		OFF-LINE	30.5	82700	1725	49598.7	-1.728	280.543	0.041	ON
		OFF-LINE	30.5	82700	1725	49628.7	-1.758	280.554	0.022	ON
		OFF-LINE	30.5	82700	1725	49658.66	-1.791	259.807	4.784	ON
		OFF-LINE	30.5	82700	1725	49688.71	-0.301	183.51	11.928	ON
		OFF-LINE	30.5	82700	1725	49718.66	2.599	184.486	15.328	ON
		OFF-LINE	30	123300	1725	49748.71	4.825	139.517	10.514	ON
		OFF-LINE	30	123300	1725	49778.76	5.197	119.592	10.842	ON
		OFF-LINE	30	123300	1725	49808.66	3.64	299.859	57.27	ON
		OFF-LINE	30	123300	1725	49838.71	37.338	303.044	89.83	ON
		OFF-LINE	30	123300	1725	49868.66	109.391	303.532	107.669	ON
		OFF-LINE	30	123300	1725	49898.71	189.263	305.48	121.299	ON

		OFF-LINE	30	123300	1725	49928.66	272.267	307.971	126.851	ON
		OFF-LINE	30	123300	1725	49958.71	360.06	310.616	125.926	ON
		OFF-LINE	30	123300	1725	49988.66	448.101	315.653	122.924	ON
		OFF-LINE	30	123300	1725	50018.71	523.216	319.649	122.696	ON
		OFF-LINE	30	123300	1725	50048.66	609.604	302.174	119.94	ON
		OFF-LINE	30	123300	1725	50078.71	680.281	299.354	120.732	ON
		OFF-LINE	30	123300	1725	50108.71	743.898	295.472	123.243	ON
		OFF-LINE	30	123300	1725	50138.66	821.915	300.085	121.244	ON
		OFF-LINE	30	123300	1725	50168.71	897.906	299.781	119.956	ON
		OFF-LINE	30	123300	1725	50198.66	969.599	295.047	119.742	ON
		OFF-LINE	30	123300	1725	50228.71	1045.908	290.101	120.673	ON
		OFF-LINE	30	123300	1725	50258.66	1132.727	286.504	121.676	ON
		OFF-LINE	30	123300	1725	50288.71	1212.625	287.285	123.198	ON
		OFF-LINE	30	123300	1725	50318.72	1293.799	285.598	124.226	ON
		OFF-LINE	30	123300	1725	50348.72	1382.898	283.285	122.234	ON
		OFF-LINE	30	123300	1725	50378.72	1467.938	288.159	124.832	ON
		OFF-LINE	30	123300	1725	50408.67	1554.593	294.922	124.916	ON
		OFF-LINE	30	123300	1725	50438.72	1651.298	295.13	122.115	ON
		OFF-LINE	30	123300	1725	50468.67	1725.085	297.856	125.251	ON
		OFF-LINE	30	123300	1725	50498.72	1813.403	290.132	123.104	ON
		OFF-LINE	30	123300	1725	50528.67	1891.535	286.125	123.746	ON
		OFF-LINE	30	123300	1725	50558.72	1976.557	288.359	123.157	ON
		OFF-LINE	30	123300	1725	50588.67	2049.489	15.975	130.242	ON
		OFF-LINE	30	123300	1725	50618.67	2132.638	292.566	125.244	ON
		OFF-LINE	30	123300	1725	50648.72	2172.516	203.312	135.15	ON
		OFF-LINE	30	123300	1725	50678.67	2182.715	286.714	139.041	ON
		OFF-LINE	30	123300	1725	50708.72	2145.492	268.262	150.367	ON
		OFF-LINE	30	123300	1725	50738.67	2138.949	267.228	149.42	ON
		OFF-LINE	30	123300	1725	50768.72	2107.13	267.336	153.083	ON

		OFF-LINE	30	123300	1725	50798.67	2104.654	260.843	150.191	ON
		OFF-LINE	30	123300	1725	50828.67	2126.993	241.067	144.815	ON
		OFF-LINE	30	123300	1725	50858.72	2137.451	258.8	144.356	ON
		OFF-LINE	30	123300	1725	50888.67	2129.578	340.278	151.81	ON
		OFF-LINE	30	123300	1725	50918.72	2107.313	95.3	150.708	ON
		OFF-LINE	30	123300	1725	50948.67	2124.971	84.54	141.013	ON
	200	Yellow Warning	30	123300	1725	50948.67	2117.55	88.376	141.683	ON
	200	Cleared	30	123300	1725	50948.67	2118.539	89.372	141.334	ON
130127_140911	200	ON	30	123300	1725	50967.83	2121.263	90.294	140.489	ON
130127_140911	200	ON-LINE	30	123300	1725	50997.63	2123.072	89.362	140.357	ON
130127_140911	200	ON-LINE	30	123300	1725	51027.68	2132.938	89.719	138.953	ON
130127_140911	200	ON-LINE	30	123300	1725	51057.73	2138.435	89.961	139.617	ON
130127_140911	200	ON-LINE	30	123300	1725	51087.68	2149.893	88.022	138.38	ON
130127_140911	200	ON-LINE	30	123300	1725	51117.73	2144.226	90.296	141.012	ON
130127_140911	200	ON-LINE	30	123300	1725	51147.68	2143.509	87.704	141.22	ON
130127_140911	200	ON-LINE	30	123300	1725	51177.73	2144.984	88.102	141.468	ON
130127_140911	200	ON-LINE	30	123300	1725	51207.63	2143.105	89.5	142.771	ON
130127_140911	200	ON-LINE	30	123300	1725	51237.68	2143.84	88.786	142.499	ON
130127_140911	200	ON-LINE	30	123300	1725	51267.68	2142.855	88.914	142.979	ON
130127_140911	200	ON-LINE	30	123300	1725	51297.68	2140.4	87.387	143.63	ON
130127_140911	200	ON-LINE	30	123300	1725	51327.73	2149.348	89.381	141.379	ON
130127_140911	200	ON-LINE	30	123300	1725	51357.68	2147.569	87.731	142.405	ON
130127_140911	200	ON-LINE	30	123300	1725	51387.73	2142.609	88.356	143.805	ON
130127_140911	200	ON-LINE	30	123300	1725	51417.63	2147.089	89.215	142.616	ON
130127_140911	200	ON-LINE	30	123300	1725	51447.68	2151.118	89.081	141.91	ON
130127_140911	200	ON-LINE	30	123300	1725	51477.63	2149.994	88.837	141.505	ON
130127_140911	200	ON-LINE	30	123300	1725	51507.68	2145.384	88.947	142.204	ON
130127_140911	200	ON-LINE	30	123300	1725	51537.63	2139.754	90.756	143.142	ON

130127_140911	200	ON-LINE	30	123300	1725	51567.68	2145.317	88.958	142.028	ON
130127_140911	200	ON-LINE	30	123300	1725	51597.74	2143.626	89.293	143.505	ON
130127_140911	200	ON-LINE	30	123300	1725	51627.69	2145.927	89.011	144.403	ON
130127_140911	200	OFF	30	123300	1725	51643.99	2150.713	87.061	143.663	ON
		Yellow Warning								
130127_140911	200	Warning	30	123300	1725	51643.99	2151.065	86.873	143.679	ON
130127_140911	200	Cleared	30	123300	1725	51643.99	2151.269	86.961	143.65	ON
		Yellow Warning								
130127_140911	200	Warning	30	123300	1725	51643.99	2151.269	86.961	143.65	ON
		Cleared								
130127_140911	200	Cleared	30	123300	1725	51643.99	2151.525	85.665	143.636	ON
130127_140911	200	Cleared	30	123300	1725	51643.99	2151.525	85.665	143.636	ON
		OFF-LINE	30	123300	1725	51673.64	2149.104	43.371	144.464	ON
		OFF-LINE	30	123300	1725	51703.69	2125.204	108.048	150.623	ON
		OFF-LINE	30	123300	1725	51733.69	2117.786	223.992	144.538	ON
		OFF-LINE	30	123300	1725	51763.69	2142.944	267.364	138.443	ON
		OFF-LINE	30	123300	1725	51793.74	2143.257	272.969	140.238	ON
130127_142258	201	ON	30	123300	1725	51794.84	2142.37	271.327	140.556	ON
130127_142258	201	ON-LINE	30	123300	1725	51824.64	2144.787	268.429	140.622	ON
130127_142258	201	ON-LINE	30	123300	1725	51854.69	2154.305	270.32	140.185	ON
130127_142258	201	ON-LINE	30	123300	1725	51884.64	2149.242	268.99	142.521	ON
130127_142258	201	ON-LINE	30	123300	1725	51914.69	2153.84	268.95	141.784	ON
130127_142258	201	ON-LINE	30	123300	1725	51944.64	2152.764	269.198	142.432	ON
130127_142258	201	ON-LINE	30	123300	1725	51974.69	2144.353	266.99	144.111	ON
130127_142258	201	ON-LINE	30	123300	1725	52004.64	2147.263	268.521	143.665	ON
130127_142258	201	ON-LINE	30	123300	1725	52034.69	2129.3	266.285	146.901	ON
130127_142258	201	ON-LINE	30	123300	1725	52064.64	2117.698	266.831	146.813	ON
130127_142258	201	ON-LINE	30	123300	1725	52094.69	2111.307	266.455	145.117	ON
130127_142258	201	ON-LINE	30	123300	1725	52124.69	2119.204	267.872	141.731	ON

130127_142258	201	ON-LINE	30	123300	1725	52154.64	2115.538	266.67	142.722	ON
130127_142258	201	ON-LINE	30	123300	1725	52184.69	2117.113	266.682	141.989	ON
130127_142258	201	ON-LINE	30	123300	1725	52214.65	2113.827	267.924	142.688	ON
130127_142258	201	ON-LINE	30	123300	1725	52244.7	2112.302	266.433	143.025	ON
		Yellow Warning								
130127_142258	201	Yellow Warning	30	123300	1725	52244.7	2120.246	266.952	140.806	ON
130127_142258	201	Cleared	30	123300	1725	52244.7	2120.774	267.665	140.742	ON
		Yellow Warning								
130127_142258	201	Yellow Warning	30	123300	1725	52244.7	2120.774	267.665	140.742	ON
130127_142258	201	Cleared	30	123300	1725	52244.7	2120.327	269.132	140.999	ON
		Yellow Warning								
130127_142258	201	Yellow Warning	30	123300	1725	52244.7	2119.669	268.918	141.222	ON
130127_142258	201	Cleared	30	123300	1725	52244.7	2118.952	268.74	141.441	ON
130127_142258	201	ON-LINE	30	123300	1725	52274.65	2117.995	268.222	141.714	ON
130127_142258	201	ON-LINE	30	123300	1725	52304.7	2115.61	266.399	142.318	ON
130127_142258	201	ON-LINE	30	123300	1725	52334.65	2114.284	265.823	142.485	ON
130127_142258	201	ON-LINE	30	123300	1725	52364.65	2115.42	265.369	142.391	ON
130127_142258	201	ON-LINE	30	123300	1725	52394.7	2114.64	266.435	142.954	ON
130127_142258	201	ON-LINE	30	123300	1725	52424.65	2117.318	267.272	142.366	ON
130127_142258	201	ON-LINE	30	123300	1725	52454.7	2117.251	265.922	141.964	ON
130127_142258	201	OFF	30	123300	1725	52467.4	2115.528	266.543	142.258	ON
		Yellow Warning								
130127_142258	201	Yellow Warning	30	123300	1725	52467.4	2114.399	266.706	142.542	ON
130127_142258	201	Cleared	30	123300	1725	52467.4	2114.017	266.564	142.649	ON
		Yellow Warning								
130127_142258	201	Yellow Warning	30	123300	1725	52467.4	2114.017	266.564	142.649	ON
130127_142258	201	Cleared	30	123300	1725	52467.4	2113.668	267.131	142.797	ON
130127_142258	201	Cleared	30	123300	1725	52467.4	2113.668	267.131	142.797	ON
		OFF-LINE								
		OFF-LINE	30	123300	1725	52496.65	2124.413	312.988	143.604	ON

		OFF-LINE	30	123300	1725	52526.7	2129.19	220.56	136.877	ON
		OFF-LINE	30	123300	1725	52556.65	2114.142	128.585	141.889	ON
		OFF-LINE	30	123300	1725	52586.7	2111.151	88.615	145.151	ON
130127_143625	202	ON	30	123300	1725	52601.55	2106.853	91.5	146.305	ON
130127_143625	202	ON-LINE	30	123300	1725	52630.65	2112.505	91.152	144.562	ON
130127_143625	202	ON-LINE	30	123300	1725	52660.7	2120.553	89.31	143.494	ON
130127_143625	202	ON-LINE	30	123300	1725	52690.65	2116.958	88.246	145.906	ON
130127_143625	202	ON-LINE	30	123300	1725	52720.7	2115.488	91.065	146.715	ON
130127_143625	202	ON-LINE	30	123300	1725	52750.65	2117.147	88.52	145.986	ON
130127_143625	202	ON-LINE	30	123300	1725	52780.7	2117.716	89.099	145.279	ON
130127_143625	202	ON-LINE	30	123300	1725	52810.65	2114.848	88.423	145.185	ON
130127_143625	202	ON-LINE	30	123300	1725	52840.65	2118.772	88.616	144.114	ON
130127_143625	202	ON-LINE	30	123300	1725	52870.6	2118.555	89.144	143.645	ON
130127_143625	202	ON-LINE	30	123300	1725	52900.66	2116.323	90.986	143.624	ON
130127_143625	202	ON-LINE	30	123300	1725	52930.71	2118.357	90.892	143.101	ON
130127_143625	202	ON-LINE	30	123300	1725	52960.66	2113.329	91.222	144.318	ON
130127_143625	202	ON-LINE	30	123300	1725	52990.71	2129.592	88.072	141.149	ON
130127_143625	202	ON-LINE	30	123300	1725	53020.66	2117.198	88.86	145.48	ON
130127_143625	202	ON-LINE	30	123300	1725	53050.71	2119.926	90.463	144.458	ON
130127_143625	202	ON-LINE	30	123300	1725	53080.66	2121.749	89.769	143.456	ON
130127_143625	202	ON-LINE	30	123300	1725	53110.66	2122.077	89.667	142.893	ON
130127_143625	202	ON-LINE	30	123300	1725	53140.61	2120.542	89.379	143.13	ON
130127_143625	202	ON-LINE	30	123300	1725	53170.66	2119.486	89.222	143.107	ON
130127_143625	202	ON-LINE	30	123300	1725	53200.71	2122.133	88.944	142.195	ON
130127_143625	202	ON-LINE	30	123300	1725	53230.66	2120.682	89.157	142.505	ON
130127_143625	202	ON-LINE	30	123300	1725	53260.71	2116.484	88.888	143.422	ON
130127_143625	202	OFF	30	123300	1725	53267.71	2119.849	88.426	142.444	ON
130127_143625	202	Yellow Warning	30	123300	1725	53267.71	2120.457	88.572	142.324	ON

130127_143625	202	Yellow Warning	30	123300	1725	53267.71	2120.457	88.572	142.324	ON
130127_143625	202	Cleared	30	123300	1725	53267.71	2120.77	88.446	142.271	ON
130127_143625	202	Cleared	30	123300	1725	53267.71	2120.77	88.446	142.271	ON
		OFF-LINE	30	123300	1725	53297.66	2112.636	61.279	145.097	ON
		OFF-LINE	30	123300	1725	53327.71	2119.221	132.483	137.8	ON
		OFF-LINE	30	123300	1725	53357.61	2114.708	245.866	132.487	ON
		OFF-LINE	30	123300	1725	53387.66	2122.107	268.935	134.349	ON
130127_144956	203	ON	30	123300	1725	53412.41	2129.86	266.42	135.94	ON
130127_144956	203	ON-LINE	30	123300	1725	53441.66	2131.129	269.308	139.266	ON
130127_144956	203	ON-LINE	30	123300	1725	53471.71	2124.024	267.081	141.57	ON
130127_144956	203	ON-LINE	30	123300	1725	53501.67	2123.792	268.63	141.328	ON
130127_144956	203	ON-LINE	30	123300	1725	53531.72	2121.884	267.693	142.027	ON
130127_144956	203	ON-LINE	30	123300	1725	53561.62	2121.4	267.098	142.187	ON
130127_144956	203	ON-LINE	30	123300	1725	53591.67	2124.518	267.743	141.207	ON
130127_144956	203	ON-LINE	30	123300	1725	53621.62	2125.033	267.73	141.345	ON
130127_144956	203	ON-LINE	30	123300	1725	53651.67	2124.028	265.908	141.692	ON
130127_144956	203	ON-LINE	30	123300	1725	53681.62	2125.485	266.109	141.629	ON
130127_144956	203	ON-LINE	30	123300	1725	53711.67	2122.727	266.28	141.78	ON
130127_144956	203	ON-LINE	30	123300	1725	53741.62	2119.573	266.972	142.333	ON
130127_144956	203	ON-LINE	30	123300	1725	53771.67	2123.456	266.079	141.022	ON
130127_144956	203	ON-LINE	30	123300	1725	53801.67	2121.513	267.924	140.68	ON
130127_144956	203	ON-LINE	30	123300	1725	53831.62	2121.099	266.745	140.675	ON
130127_144956	203	ON-LINE	30	123300	1725	53861.67	2123.757	267.191	140.781	ON
130127_144956	203	ON-LINE	30	123300	1725	53891.62	2131.299	265.641	140.405	ON
130127_144956	203	ON-LINE	30	123300	1725	53921.67	2125.665	265.685	142.888	ON
130127_144956	203	ON-LINE	30	123300	1725	53951.62	2129.972	265.575	142.42	ON
130127_144956	203	ON-LINE	30	123300	1725	53981.67	2126.472	265.736	143.626	ON
130127_144956	203	ON-LINE	30	123300	1725	54011.62	2130.46	265.886	142.632	ON

130127_144956	203	ON-LINE	30	123300	1725	54041.67	2130.676	265.279	142.349	ON
130127_144956	203	ON-LINE	30	123300	1725	54071.62	2136.016	265.616	141.644	ON
130127_144956	203	OFF	30	123300	1725	54089.82	2131.873	265.607	142.913	ON
130127_144956	203	Yellow Warning	30	123300	1725	54089.82	2131.842	265.405	142.805	ON
130127_144956	203	Yellow Warning	30	123300	1725	54089.82	2131.842	265.405	142.805	ON
130127_144956	203	Cleared	30	123300	1725	54089.82	2132.406	265.056	142.591	ON
130127_144956	203	Cleared	30	123300	1725	54089.82	2132.406	265.056	142.591	ON
		OFF-LINE	30	123300	1725	54119.68	2121.429	232.312	143.15	ON
		OFF-LINE	30	123300	1725	54149.63	2117.033	194.468	141.337	ON
		OFF-LINE	30	123300	1725	54179.68	2123.491	192.652	139.414	ON
		OFF-LINE	30	123300	1725	54209.63	2134.274	191.018	137.357	ON
		OFF-LINE	30	123300	1725	54239.63	2129.892	132.87	139.789	ON
		OFF-LINE	30	123300	1725	54269.68	2123.98	90.233	142.593	ON
130127_150430	211	ON	30	123300	1725	54286.63	2122.128	92.636	142.543	ON
130127_150430	211	ON-LINE	30	123300	1725	54316.68	2121.545	90.674	142.651	ON
130127_150430	211	ON-LINE	30	123300	1725	54346.58	2116.095	89.781	143.231	ON
130127_150430	211	ON-LINE	30	123300	1725	54376.63	2115.962	90.585	142.425	ON
130127_150430	211	ON-LINE	30	123300	1725	54406.68	2116.654	88.887	142.292	ON
130127_150430	211	ON-LINE	30	123300	1725	54436.63	2118.27	88.853	142.328	ON
130127_150430	211	ON-LINE	30	123300	1725	54466.68	2122.4	88.123	142.37	ON
130127_150430	211	ON-LINE	30	123300	1725	54496.63	2123.862	88.248	142.435	ON
130127_150430	211	ON-LINE	30	123300	1725	54526.68	2125.93	88.9	141.731	ON
130127_150430	211	ON-LINE	30	123300	1725	54556.58	2126.561	88.678	141.544	ON
130127_150430	211	ON-LINE	30	123300	1725	54586.63	2126.694	88.119	141.794	ON
130127_150430	211	ON-LINE	30	123300	1725	54616.58	2129.772	89.107	141.311	ON
130127_150430	211	ON-LINE	30	123300	1725	54646.63	2134.627	89.305	140.952	ON
130127_150430	211	ON-LINE	30	123300	1725	54676.63	2131.685	86.709	141.899	ON
130127_150430	211	ON-LINE	30	123300	1725	54706.63	2131.291	88.431	142.417	ON

130127_150430	211	ON-LINE	30	123300	1725	54736.69	2136.125	88.462	141.434	ON
130127_150430	211	ON-LINE	30	123300	1725	54766.64	2135.415	89.004	141.617	ON
130127_150430	211	ON-LINE	30	123300	1725	54796.69	2134.645	90.72	141.521	ON
130127_150430	211	ON-LINE	30	123300	1725	54826.59	2129.767	90.756	142.171	ON
130127_150430	211	ON-LINE	30	123300	1725	54856.64	2131.837	88.254	141.222	ON
130127_150430	211	ON-LINE	30	123300	1725	54886.59	2130.986	86.886	141.128	ON
130127_150430	211	ON-LINE	30	123300	1725	54916.64	2133.997	89.131	140.8	ON
130127_150430	211	ON-LINE	30	123300	1725	54946.59	2143.208	87.738	139.303	ON
130127_150430	211	OFF	30	123300	1725	54960.79	2145.172	90.557	139.463	ON
		Yellow Warning								
130127_150430	211	Yellow Warning	30	123300	1725	54960.79	2144.156	88.862	139.961	ON
		Yellow Warning								
130127_150430	211	Warning	30	123300	1725	54960.79	2144.156	88.862	139.961	ON
130127_150430	211	Cleared	30	123300	1725	54960.79	2143.756	87.816	140.19	ON
130127_150430	211	Cleared	30	123300	1725	54960.79	2143.756	87.816	140.19	ON
		OFF-LINE	30	123300	1725	54990.64	2118.337	49.621	146.221	ON
		OFF-LINE	30	123300	1725	55020.59	2131.281	150.586	137.638	ON
		OFF-LINE	30	123300	1725	55050.64	2132.947	240.532	137.172	ON
		OFF-LINE	30	123300	1725	55080.59	2124.012	270.505	141.939	ON
130127_151757	212	ON	30	123300	1725	55092.89	2122.142	269.285	142.764	ON
130127_151757	212	ON-LINE	30	123300	1725	55122.64	2128.635	267.263	142.4	ON
130127_151757	212	ON-LINE	30	123300	1725	55152.59	2126.964	269.284	144.576	ON
		Yellow Warning								
130127_151757	212	Warning	30	123300	1725	55152.59	2126.455	266.184	144.709	ON
130127_151757	212	Cleared	30	123300	1725	55152.59	2126.88	265.518	144.535	ON
130127_151757	212	ON-LINE	30	123300	1725	55182.64	2131.732	268.208	143.855	ON
130127_151757	212	ON-LINE	30	123300	1725	55212.64	2135.847	268.704	143.511	ON
130127_151757	212	ON-LINE	30	123300	1725	55242.64	2138.025	268.923	143.808	ON
130127_151757	212	ON-LINE	30	123300	1725	55272.69	2132.319	266.658	146.16	ON
130127_151757	212	ON-LINE	30	123300	1725	55302.64	2130.084	268.212	146.694	ON

130127_151757	212	ON-LINE	30	123300	1725	55332.65	2124.761	266.798	146.891	ON
130127_151757	212	ON-LINE	30	123300	1725	55362.6	2123.7	266.869	146.661	ON
130127_151757	212	ON-LINE	30	123300	1725	55392.65	2128.929	267.472	145.725	ON
		Yellow								
130127_151757	212	Warning	30	123300	1725	55392.65	2125.933	266.159	146.641	ON
130127_151757	212	Cleared	30	123300	1725	55392.65	2126.49	266.135	146.471	ON
130127_151757	212	ON-LINE	30	123300	1725	55422.6	2128.95	266.902	145.966	ON
130127_151757	212	ON-LINE	30	123300	1725	55452.65	2128.879	267.939	146.056	ON
130127_151757	212	ON-LINE	30	123300	1725	55482.6	2127.692	266.242	146.49	ON
130127_151757	212	ON-LINE	30	123300	1725	55512.65	2129.918	266.076	145.748	ON
130127_151757	212	ON-LINE	30	123300	1725	55542.6	2132.024	265.94	145.207	ON
130127_151757	212	ON-LINE	30	123300	1725	55572.6	2125.727	266.297	146.236	ON
130127_151757	212	ON-LINE	30	123300	1725	55602.65	2120.739	266.304	146.448	ON
130127_151757	212	ON-LINE	30	123300	1725	55632.6	2119.238	266.352	145.659	ON
130127_151757	212	ON-LINE	30	123300	1725	55662.65	2117.715	265.669	144.852	ON
130127_151757	212	ON-LINE	30	123300	1725	55692.6	2119.784	264.497	144.18	ON
130127_151757	212	ON-LINE	30	123300	1725	55722.65	2118.648	266.87	143.683	ON
130127_151757	212	OFF	30	123300	1725	55750.6	2116.606	265.084	144.173	ON
		Yellow								
130127_151757	212	Warning	30	123300	1725	55750.6	2117.219	265.042	143.96	ON
		Yellow								
130127_151757	212	Warning	30	123300	1725	55750.6	2117.219	265.042	143.96	ON
130127_151757	212	Cleared	30	123300	1725	55750.6	2117.555	265.032	143.855	ON
130127_151757	212	Cleared	30	123300	1725	55750.6	2117.555	265.032	143.855	ON
		Yellow								
130127_151757	212	Warning	30	123300	1725	55750.6	2117.555	265.032	143.855	ON
		Yellow								
130127_151757	212	Warning	30	123300	1725	55750.6	2117.555	265.032	143.855	ON
130127_151757	212	Cleared	30	123300	1725	55750.6	2117.882	265.265	143.805	ON
130127_151757	212	Cleared	30	123300	1725	55750.6	2117.882	265.265	143.805	ON

		OFF-LINE	30	123300	1725	55779.65	2119.503	300.102	146.691	ON
		OFF-LINE	30	123300	1725	55809.55	2124.637	251.668	140.45	ON
		OFF-LINE	30	123300	1725	55839.6	2124.029	134.292	133.971	ON
		OFF-LINE	30	123300	1725	55869.65	2142.144	90.139	134.46	ON
		OFF-LINE	30	123300	1725	55899.6	2123.938	90.16	140.968	ON
130127_153127	213	ON	30	123300	1725	55903.8	2125.586	89.975	140.632	ON
130127_153127	213	ON-LINE	30	123300	1725	55933.66	2126.447	90.292	140.212	ON
130127_153127	213	ON-LINE	30	123300	1725	55963.61	2126.015	90.62	141.06	ON
130127_153127	213	ON-LINE	30	123300	1725	55993.66	2120.213	89.714	142.347	ON
130127_153127	213	ON-LINE	30	123300	1725	56023.61	2125.118	88.473	141.251	ON
130127_153127	213	ON-LINE	30	123300	1725	56053.66	2120.13	91.345	142.403	ON
130127_153127	213	ON-LINE	30	123300	1725	56083.56	2120.187	90.48	142.37	ON
130127_153127	213	ON-LINE	30	123300	1725	56113.61	2125.813	89.465	141.013	ON
130127_153127	213	ON-LINE	30	123300	1725	56143.66	2127.222	90.521	141.194	ON
130127_153127	213	ON-LINE	30	123300	1725	56173.61	2130.416	88.138	141.391	ON
130127_153127	213	ON-LINE	30	123300	1725	56203.66	2120.913	88.521	143.3	ON
130127_153127	213	ON-LINE	30	123300	1725	56233.61	2115.71	88.596	143.115	ON
130127_153127	213	ON-LINE	30	123300	1725	56263.66	2113.215	90.927	140.219	ON
130127_153127	213	Yellow Warning	30	123300	1725	56263.66	2111.852	91.245	140.147	ON
130127_153127	213	Cleared	30	123300	1725	56263.66	2112.1	90.931	139.974	ON
130127_153127	213	Yellow Warning	30	123300	1725	56263.66	2112.566	90.162	139.763	ON
130127_153127	213	Cleared	30	123300	1725	56263.66	2113.088	89.002	139.538	ON
130127_153127	213	ON-LINE	30	123300	1725	56293.61	2119.528	88.747	136.694	ON
130127_153127	213	ON-LINE	30	123300	1725	56323.66	2125.542	91.338	135.286	ON
130127_153127	213	ON-LINE	30	123300	1725	56353.56	2129.294	88.532	135.48	ON
130127_153127	213	ON-LINE	30	123300	1725	56383.61	2121.768	88.568	139.524	ON
130127_153127	213	ON-LINE	30	123300	1725	56413.56	2126.19	87.911	139.203	ON
130127_153127	213	ON-LINE	30	123300	1725	56443.61	2125.622	88.055	139.797	ON

130127_153127	213	ON-LINE	30	123300	1725	56473.66	2122.138	88.972	140.616	ON
130127_153127	213	ON-LINE	30	123300	1725	56503.61	2129.982	89.764	139.765	ON
130127_153127	213	ON-LINE	30	123300	1725	56533.62	2128.824	87.919	140.33	ON
130127_153127	213	ON-LINE	30	123300	1725	56563.57	2130.32	89.748	139.733	ON
130127_153127	213	OFF	30	123300	1725	56584.22	2130.996	88.524	140.063	ON
130127_153127	213	Yellow Warning	30	123300	1725	56584.22	2131.226	88.205	140.127	ON
130127_153127	213	Yellow Warning	30	123300	1725	56584.22	2131.226	88.205	140.127	ON
130127_153127	213	Cleared	30	123300	1725	56584.22	2131.543	88.021	140.141	ON
130127_153127	213	Cleared	30	123300	1725	56584.22	2131.543	88.021	140.141	ON
		OFF-LINE	30	123300	1725	56613.67	2121.714	51.889	145.546	ON
		OFF-LINE	30	123300	1725	56643.62	2136.676	93.939	140.46	ON
		OFF-LINE	30	123300	1725	56673.67	2123.85	204.976	141.867	ON
		OFF-LINE	30	123300	1725	56703.62	2133.905	260.605	142.578	ON
		OFF-LINE	30	123300	1725	56733.62	2121.762	269.04	146.023	ON
130127_154525	214	ON	30	123300	1725	56741.77	2124.214	269.809	145.023	ON
130127_154525	214	ON-LINE	30	123300	1725	56771.62	2120.45	266.765	145.903	ON
130127_154525	214	ON-LINE	30	123300	1725	56801.62	2128.39	267.967	144.029	ON
130127_154525	214	ON-LINE	30	123300	1725	56831.57	2123.496	265.654	145.876	ON
130127_154525	214	ON-LINE	30	123300	1725	56861.62	2123.189	265.863	146.425	ON
130127_154525	214	ON-LINE	30	123300	1725	56891.57	2124.996	265.395	145.682	ON
130127_154525	214	ON-LINE	30	123300	1725	56921.62	2127.673	267.367	145.344	ON
130127_154525	214	ON-LINE	30	123300	1725	56951.67	2127.596	265.318	145.748	ON
130127_154525	214	ON-LINE	30	123300	1725	56981.62	2132.711	266.351	145.011	ON
130127_154525	214	ON-LINE	30	123300	1725	57011.62	2130.426	265.867	146.167	ON
130127_154525	214	ON-LINE	30	123300	1725	57041.57	2132.751	265.732	145.549	ON
130127_154525	214	Yellow Warning	30	123300	1725	57041.57	2133.525	267.444	145.631	ON
130127_154525	214	Yellow	30	123300	1725	57041.57	2132.529	266.586	145.96	ON

		Warning								
130127_154525	214	Cleared	30	123300	1725	57041.57	2131.817	266.495	146.135	ON
130127_154525	214	Yellow Warning	30	123300	1725	57041.57	2130.921	266.751	146.36	ON
130127_154525	214	Cleared	30	123300	1725	57041.57	2129.973	265.961	146.608	ON
130127_154525	214	Cleared	30	123300	1725	57041.57	2128.113	263.597	146.848	ON
130127_154525	214	ON-LINE	30	123300	1725	57071.62	2126.333	266.116	146.632	ON
130127_154525	214	ON-LINE	30	123300	1725	57101.57	2127.372	266.948	145.612	ON
130127_154525	214	ON-LINE	30	123300	1725	57131.62	2123.734	265.492	146.208	ON
130127_154525	214	ON-LINE	30	123300	1725	57161.68	2123.215	264.856	145.226	ON
130127_154525	214	ON-LINE	30	123300	1725	57191.58	2125.196	266.255	144.432	ON
130127_154525	214	ON-LINE	30	123300	1725	57221.63	2130.291	265.479	143.155	ON
130127_154525	214	ON-LINE	30	123300	1725	57251.58	2127.013	264.32	143.173	ON
130127_154525	214	ON-LINE	30	123300	1725	57281.63	2125.445	264.535	144.043	ON
130127_154525	214	Yellow Warning	30	123300	1725	57281.63	2131.061	264.19	142.447	ON
130127_154525	214	Cleared	30	123300	1725	57281.63	2131.218	264.855	142.412	ON
130127_154525	214	ON-LINE	30	123300	1725	57311.58	2131.237	264.936	142.416	ON
130127_154525	214	ON-LINE	30	123300	1725	57341.63	2126.154	266.967	143.951	ON
130127_154525	214	ON-LINE	30	123300	1725	57371.58	2127.377	264.365	143.305	ON
130127_154525	214	OFF	30	123300	1725	57400.03	2130.306	263.444	142.437	ON
130127_154525	214	Yellow Warning	30	123300	1725	57400.03	2130.068	263.497	142.48	ON
130127_154525	214	Cleared	30	123300	1725	57400.03	2129.816	263.956	142.669	ON
130127_154525	214	Yellow Warning	30	123300	1725	57400.03	2129.816	263.956	142.669	ON
130127_154525	214	Cleared	30	123300	1725	57400.03	2129.48	265.198	142.936	ON
130127_154525	214	Cleared	30	123300	1725	57400.03	2129.48	265.198	142.936	ON

		OFF-LINE	30	123300	1725	57429.63	2127.216	300.486	148.205	ON
		OFF-LINE	30	123300	1725	57459.63	2131.998	226.738	135.49	ON
		OFF-LINE	30	123300	1725	57489.63	2123.26	151.039	133.513	ON
		OFF-LINE	30	123300	1725	57519.58	2113.974	94.872	140.487	ON
130127_155850	215	ON	30	123300	1725	57546.13	2127.893	92.39	140.373	ON
130127_155850	215	ON-LINE	30	123300	1725	57575.58	2133.984	90.851	143.513	ON
130127_155850	215	ON-LINE	30	123300	1725	57605.63	2136.378	91.573	145.83	ON
130127_155850	215	ON-LINE	30	123300	1725	57635.58	2135.218	91.879	147.157	ON
		Yellow								
130127_155850	215	Warning	30	123300	1725	57635.58	2134.175	91.87	146.997	ON
130127_155850	215	Cleared	30	123300	1725	57635.58	2134.271	91.72	146.959	ON
		Yellow								
130127_155850	215	Warning	30	123300	1725	57635.58	2134.271	91.72	146.959	ON
130127_155850	215	Cleared	30	123300	1725	57635.58	2134.233	90.221	146.951	ON
130127_155850	215	ON-LINE	30	123300	1725	57665.58	2125.217	91.572	148.585	ON
		Yellow								
130127_155850	215	Warning	30	123300	1725	57665.58	2127.204	89.377	147.429	ON
130127_155850	215	Cleared	30	123300	1725	57665.58	2126.975	90.347	147.409	ON
		Yellow								
130127_155850	215	Warning	30	123300	1725	57665.58	2126.975	90.347	147.409	ON
130127_155850	215	Cleared	30	123300	1725	57665.58	2128.558	91.459	146.757	ON
		Yellow								
130127_155850	215	Warning	30	123300	1725	57665.58	2133.887	90.809	145.205	ON
130127_155850	215	Cleared	30	123300	1725	57665.58	2134.232	90.718	145.083	ON
		Yellow								
130127_155850	215	Warning	30	123300	1725	57665.58	2134.528	90.703	144.983	ON
130127_155850	215	Cleared	30	123300	1725	57665.58	2134.648	90.667	144.936	ON
130127_155850	215	ON-LINE	30	123300	1725	57695.63	2131.781	91.058	145.44	ON
130127_155850	215	ON-LINE	30	123300	1725	57725.58	2125.988	90.613	145.258	ON
130127_155850	215	ON-LINE	30	123300	1725	57755.64	2122.998	89.933	144.895	ON
130127_155850	215	ON-LINE	30	123300	1725	57785.59	2124.445	90.787	142.937	ON

130127_155850	215	ON-LINE	30	123300	1725	57815.64	2126.883	91.233	142.66	ON
130127_155850	215	ON-LINE	30	123300	1725	57845.59	2127.874	89.847	142.272	ON
130127_155850	215	ON-LINE	30	123300	1725	57875.64	2127.757	90.261	141.785	ON
		Yellow Warning								
130127_155850	215	Warning	30	123300	1725	57875.64	2127.062	89.747	141.384	ON
130127_155850	215	Cleared	30	123300	1725	57875.64	2128.075	90.126	141.111	ON
		Yellow Warning								
130127_155850	215	Warning	30	123300	1725	57875.64	2128.075	90.126	141.111	ON
130127_155850	215	Cleared	30	123300	1725	57875.64	2128.348	90.438	141.046	ON
130127_155850	215	ON-LINE	30	123300	1725	57905.54	2128.86	90.265	140.937	ON
130127_155850	215	ON-LINE	30	123300	1725	57935.59	2125.524	90.179	142.475	ON
130127_155850	215	ON-LINE	30	123300	1725	57965.64	2134.616	88.798	138.934	ON
130127_155850	215	ON-LINE	30	123300	1725	57995.59	2132.556	90.386	140.258	ON
130127_155850	215	ON-LINE	30	123300	1725	58025.64	2130.52	90.238	140.971	ON
130127_155850	215	ON-LINE	30	123300	1725	58055.59	2136.378	89.505	140.084	ON
130127_155850	215	ON-LINE	30	123300	1725	58085.64	2129.791	89.037	142.437	ON
130127_155850	215	ON-LINE	30	123300	1725	58115.54	2133.023	88.682	142.116	ON
130127_155850	215	ON-LINE	30	123300	1725	58145.59	2130.771	89.883	142.631	ON
130127_155850	215	ON-LINE	30	123300	1725	58175.54	2129.507	88.776	142.768	ON
130127_155850	215	ON-LINE	30	123300	1725	58205.59	2130.482	89.957	143.086	ON
130127_155850	215	OFF	30	123300	1725	58212.29	2130.797	88.376	142.877	ON
		Yellow Warning								
130127_155850	215	Warning	30	123300	1725	58212.29	2130.73	88.201	142.885	ON
		Yellow Warning								
130127_155850	215	Warning	30	123300	1725	58212.29	2130.73	88.201	142.885	ON
130127_155850	215	Cleared	30	123300	1725	58212.29	2130.601	88.249	142.923	ON
130127_155850	215	Cleared	30	123300	1725	58212.29	2130.601	88.249	142.923	ON
		OFF-LINE								
		OFF-LINE								
		OFF-LINE								
		OFF-LINE								

		OFF-LINE	30	123300	1725	58331.59	2122.989	261.097	146.21	ON
130127_161217	216	ON	30	123300	1725	58353.59	2121.277	270.558	147.246	ON
130127_161217	216	ON-LINE	30	123300	1725	58383.55	2125.596	268.978	146.76	ON
130127_161217	216	ON-LINE	30	123300	1725	58413.6	2127.164	265.943	146.389	ON
130127_161217	216	ON-LINE	30	123300	1725	58443.65	2126.182	267.827	147.236	ON
130127_161217	216	ON-LINE	30	123300	1725	58473.6	2126.161	267.089	146.584	ON
130127_161217	216	ON-LINE	30	123300	1725	58503.65	2132.937	265.737	145.708	ON
130127_161217	216	ON-LINE	30	123300	1725	58533.6	2128.885	266.443	147.164	ON
130127_161217	216	ON-LINE	30	123300	1725	58563.65	2123.282	265.852	147.691	ON
130127_161217	216	ON-LINE	30	123300	1725	58593.6	2125.772	266.804	146.715	ON
130127_161217	216	ON-LINE	30	123300	1725	58623.6	2127.487	266.232	145.822	ON
130127_161217	216	ON-LINE	30	123300	1725	58653.55	2122.455	264.08	146.791	ON
130127_161217	216	Yellow Warning	30	123300	1725	58653.55	2125.075	265.584	145.969	ON
130127_161217	216	Yellow Warning	30	123300	1725	58653.55	2124.949	265.6	146.001	ON
130127_161217	216	Cleared	30	123300	1725	58653.55	2124.557	264.832	146.032	ON
130127_161217	216	Cleared	30	123300	1725	58653.55	2124.617	264.599	145.948	ON
130127_161217	216	ON-LINE	30	123300	1725	58683.6	2128.232	265.936	145.307	ON
130127_161217	216	ON-LINE	30	123300	1725	58713.55	2129.304	265.794	145.505	ON
130127_161217	216	ON-LINE	30	123300	1725	58743.6	2129.35	264.063	146.212	ON
130127_161217	216	ON-LINE	30	123300	1725	58773.65	2126.136	265.89	147.178	ON
130127_161217	216	ON-LINE	30	123300	1725	58803.6	2123.069	265.956	147.767	ON
130127_161217	216	ON-LINE	30	123300	1725	58833.6	2131.339	265.388	145.482	ON
130127_161217	216	ON-LINE	30	123300	1725	58863.55	2130.689	263.998	145.757	ON
130127_161217	216	Yellow Warning	30	123300	1725	58863.55	2129.4	266.493	146.17	ON
130127_161217	216	Yellow Warning	30	123300	1725	58863.55	2129.104	265.95	146.238	ON
130127_161217	216	Cleared	30	123300	1725	58863.55	2128.264	265.772	146.392	ON

130127_161217	216	Cleared	30	123300	1725	58863.55	2128.059	265.807	146.398	ON
130127_161217	216	Yellow Warning	30	123300	1725	58863.55	2128.813	264.801	145.976	ON
130127_161217	216	Yellow Warning	30	123300	1725	58863.55	2128.803	264.991	145.925	ON
130127_161217	216	Cleared	30	123300	1725	58863.55	2128.456	264.864	145.933	ON
130127_161217	216	Cleared	30	123300	1725	58863.55	2128.182	265.13	145.971	ON
130127_161217	216	ON-LINE	30	123300	1725	58893.6	2126.732	264.838	146.009	ON
130127_161217	216	Yellow Warning	30	123300	1725	58893.6	2123.08	264.82	146.386	ON
130127_161217	216	Cleared	30	123300	1725	58893.6	2123.286	264.846	146.265	ON
130127_161217	216	Yellow Warning	30	123300	1725	58893.6	2123.286	264.846	146.265	ON
130127_161217	216	Cleared	30	123300	1725	58893.6	2123.735	264.74	146.052	ON
130127_161217	216	ON-LINE	30	123300	1725	58923.55	2126.294	264.77	144.971	ON
130127_161217	216	ON-LINE	30	123300	1725	58953.6	2126.116	264.534	145.24	ON
130127_161217	216	Yellow Warning	30	123300	1725	58953.6	2125.666	264.93	145.378	ON
130127_161217	216	Cleared	30	123300	1725	58953.6	2125.912	264.899	145.299	ON
130127_161217	216	ON-LINE	30	123300	1725	58983.56	2118.863	264.546	146.687	ON
130127_161217	216	OFF	30	123300	1725	59004.96	2117.513	264.935	146.123	ON
130127_161217	216	Yellow Warning	30	123300	1725	59004.96	2118.142	265.268	146.01	ON
130127_161217	216	Yellow Warning	30	123300	1725	59004.96	2118.142	265.268	146.01	ON
130127_161217	216	Cleared	30	123300	1725	59004.96	2118.122	266.888	146.185	ON
130127_161217	216	Cleared	30	123300	1725	59004.96	2118.122	266.888	146.185	ON
		OFF-LINE	30	123300	1725	59034.61	2121.364	301.467	148.835	ON
		OFF-LINE	30	123300	1725	59064.56	2122.639	222.969	137.344	ON
		OFF-LINE	30	123300	1725	59094.61	2106.722	120.761	136.184	ON
		OFF-LINE	30	123300	1725	59124.56	2126.545	89.225	136.123	ON

130127_162532	217	ON	30	123300	1725	59148.31	2133.36	91.658	136.708	ON
130127_162532	217	ON-LINE	30	123300	1725	59177.61	2136.394	90.832	140.331	ON
130127_162532	217	ON-LINE	30	123300	1725	59207.56	2134.145	92.315	142.304	ON
130127_162532	217	ON-LINE	30	123300	1725	59237.61	2136.363	89.586	142.373	ON
130127_162532	217	ON-LINE	30	123300	1725	59267.56	2137.485	90.948	142.224	ON
		Yellow Warning								
130127_162532	217	Yellow Warning	30	123300	1725	59267.56	2135.025	90.931	143.094	ON
130127_162532	217	Cleared	30	123300	1725	59267.56	2134.643	90.8	143.201	ON
		Yellow Warning								
130127_162532	217	Yellow Warning	30	123300	1725	59267.56	2134.643	90.8	143.201	ON
130127_162532	217	Cleared	30	123300	1725	59267.56	2134.064	90.941	143.356	ON
		Yellow Warning								
130127_162532	217	Yellow Warning	30	123300	1725	59267.56	2132.687	91.687	143.696	ON
130127_162532	217	Cleared	30	123300	1725	59267.56	2129.87	91.269	144.36	ON
		Yellow Warning								
130127_162532	217	Yellow Warning	30	123300	1725	59267.56	2129.87	91.269	144.36	ON
130127_162532	217	Cleared	30	123300	1725	59267.56	2128.613	90.807	144.648	ON
130127_162532	217	ON-LINE	30	123300	1725	59297.61	2128.414	91.205	144.441	ON
130127_162532	217	ON-LINE	30	123300	1725	59327.66	2129.837	90.119	143.7	ON
130127_162532	217	ON-LINE	30	123300	1725	59357.61	2130.638	89.824	143.191	ON
130127_162532	217	ON-LINE	30	123300	1725	59387.66	2125.418	89.279	143.691	ON
130127_162532	217	ON-LINE	30	123300	1725	59417.61	2130.131	90.905	142.499	ON
130127_162532	217	ON-LINE	30	123300	1725	59447.66	2127.98	90.75	143.344	ON
130127_162532	217	ON-LINE	30	123300	1725	59477.61	2126.383	91.564	143.378	ON
		Yellow Warning								
130127_162532	217	Yellow Warning	30	123300	1725	59477.61	2123.275	90.723	143.569	ON
130127_162532	217	Cleared	30	123300	1725	59477.61	2123.554	90.983	143.477	ON
130127_162532	217	ON-LINE	30	123300	1725	59507.61	2123.868	91.46	143.345	ON
130127_162532	217	ON-LINE	30	123300	1725	59537.56	2126.186	90.208	142.85	ON
130127_162532	217	ON-LINE	30	123300	1725	59567.61	2130.085	90.398	141.703	ON

130127_162532	217	ON-LINE	30	123300	1725	59597.56	2127.496	91.072	142.286	ON
130127_162532	217	ON-LINE	30	123300	1725	59627.62	2123.559	90.379	142.662	ON
130127_162532	217	ON-LINE	30	123300	1725	59657.57	2129.07	89.3	141.131	ON
130127_162532	217	ON-LINE	30	123300	1725	59687.62	2124.469	88.997	142.863	ON
130127_162532	217	ON-LINE	30	123300	1725	59717.62	2127.937	90.157	141.942	ON
130127_162532	217	ON-LINE	30	123300	1725	59747.57	2122.768	89.818	142.885	ON
130127_162532	217	ON-LINE	30	123300	1725	59777.62	2125.188	90.336	142.6	ON
130127_162532	217	ON-LINE	30	123300	1725	59807.57	2125.465	90.803	142.681	ON
130127_162532	217	OFF	30	123300	1725	59815.67	2127.877	89.245	142.137	ON
		Yellow Warning								
130127_162532	217	Yellow Warning	30	123300	1725	59815.67	2130.032	88.66	141.799	ON
		Yellow Warning								
130127_162532	217	Warning	30	123300	1725	59815.67	2130.032	88.66	141.799	ON
130127_162532	217	Cleared	30	123300	1725	59815.67	2130.956	87.3	141.751	ON
130127_162532	217	Cleared	30	123300	1725	59815.67	2130.956	87.3	141.751	ON
		OFF-LINE	30	123300	1725	59845.62	2122.418	53.878	148.309	ON
		OFF-LINE	30	123300	1725	59875.57	2119.729	134.961	139.661	ON
		OFF-LINE	30	123300	1725	59905.62	2122.484	240.233	143.163	ON
		OFF-LINE	30	123300	1725	59935.57	2128.791	262.917	145.65	ON
130127_163856	218	ON	30	123300	1725	59952.67	2128.764	270.319	146.812	ON
		Yellow Warning								
130127_163856	218	Yellow Warning	30	123300	1725	59952.67	2125.927	266.509	147.881	ON
130127_163856	218	Cleared	30	123300	1725	59952.67	2126.511	265.802	147.701	ON
130127_163856	218	ON-LINE	30	123300	1725	59982.62	2127.451	266.262	147.462	ON
130127_163856	218	ON-LINE	30	123300	1725	60012.57	2126.584	266.39	147.489	ON
130127_163856	218	ON-LINE	30	123300	1725	60042.62	2124.38	266.3	147.001	ON
130127_163856	218	ON-LINE	30	123300	1725	60072.57	2130.608	264.371	145.276	ON
130127_163856	218	ON-LINE	30	123300	1725	60102.62	2125.286	263.476	146.723	ON
130127_163856	218	ON-LINE	30	123300	1725	60132.57	2120.298	265.853	147.674	ON
130127_163856	218	ON-LINE	30	123300	1725	60162.62	2120.52	265.739	146.867	ON

130127_163856	218	ON-LINE	30	123300	1725	60192.57	2125.857	264.084	145.107	ON
130127_163856	218	ON-LINE	30	123300	1725	60222.57	2123.173	265.302	145.218	ON
130127_163856	218	ON-LINE	30	123300	1725	60252.63	2127.253	263.787	144.004	ON
130127_163856	218	ON-LINE	30	123300	1725	60282.58	2124.465	263.623	145.015	ON
130127_163856	218	ON-LINE	30	123300	1725	60312.63	2129.81	264.826	143.694	ON
130127_163856	218	ON-LINE	30	123300	1725	60342.58	2122.656	263.9	145.189	ON
130127_163856	218	ON-LINE	30	123300	1725	60372.63	2120.948	265.226	144.926	ON
130127_163856	218	ON-LINE	30	123300	1725	60402.58	2125.584	263.581	143.807	ON
130127_163856	218	ON-LINE	30	123300	1725	60432.63	2121.735	263.213	144.829	ON
130127_163856	218	ON-LINE	30	123300	1725	60462.58	2125.976	264.708	143.275	ON
130127_163856	218	ON-LINE	30	123300	1725	60492.58	2131.819	263.199	142.228	ON
130127_163856	218	ON-LINE	30	123300	1725	60522.63	2116.522	264.4	145.987	ON
130127_163856	218	ON-LINE	30	123300	1725	60552.58	2111.473	262.913	145.802	ON
130127_163856	218	ON-LINE	30	123300	1725	60582.63	2114.606	262.747	143.719	ON
130127_163856	218	OFF	30	123300	1725	60607.58	2114.105	264.312	143.774	ON
130127_163856	218	Yellow Warning	30	123300	1725	60607.58	2113.914	264.263	143.807	ON
130127_163856	218	Yellow Warning	30	123300	1725	60607.58	2113.914	264.263	143.807	ON
130127_163856	218	Cleared	30	123300	1725	60607.58	2113.808	263.443	143.877	ON
130127_163856	218	Cleared	30	123300	1725	60607.58	2113.808	263.443	143.877	ON
130127_163856	218	Yellow Warning	30	123300	1725	60607.58	2113.808	263.443	143.877	ON
130127_163856	218	Yellow Warning	30	123300	1725	60607.58	2113.808	263.443	143.877	ON
130127_163856	218	Cleared	30	123300	1725	60607.58	2113.668	263.663	144.002	ON
130127_163856	218	Cleared	30	123300	1725	60607.58	2113.668	263.663	144.002	ON
		OFF-LINE	30	123300	1725	60636.63	2097.504	308.97	153.485	ON
		OFF-LINE	30	123300	1725	60666.58	2085.11	240.212	142.709	ON
		OFF-LINE	30	123300	1725	60696.63	2117.347	153.231	128.994	ON

		OFF-LINE	30	123300	1725	60726.53	2129.347	81.381	138.202	ON
		OFF-LINE	30	123300	1725	60756.63	2139.664	94.002	137.309	ON
130127_165228	219	ON	30	123300	1725	60764.83	2135.291	94.967	139.134	ON
130127_165228	219	ON-LINE	30	123300	1725	60794.58	2129.797	92.295	141.645	ON
130127_165228	219	ON-LINE	30	123300	1725	60824.58	2129.91	93.274	142.395	ON
130127_165228	219	ON-LINE	30	123300	1725	60854.54	2125.29	91.117	143.902	ON
130127_165228	219	ON-LINE	30	123300	1725	60884.59	2124.179	91.127	144.165	ON
130127_165228	219	ON-LINE	30	123300	1725	60914.64	2127.003	91.997	143.569	ON
130127_165228	219	ON-LINE	30	123300	1725	60944.59	2126.463	92.953	143.397	ON
130127_165228	219	ON-LINE	30	123300	1725	60974.64	2125.479	92.746	143.076	ON
130127_165228	219	ON-LINE	30	123300	1725	61004.59	2128.163	92.881	142.7	ON
130127_165228	219	ON-LINE	30	123300	1725	61034.59	2125.606	91.235	143.187	ON
		Yellow Warning								
130127_165228	219	Warning	30	123300	1725	61034.59	2127.762	91.731	142.373	ON
130127_165228	219	Cleared	30	123300	1725	61034.59	2128.022	91.647	142.3	ON
130127_165228	219	ON-LINE	30	123300	1725	61064.54	2127.843	92.145	142.308	ON
130127_165228	219	ON-LINE	30	123300	1725	61094.59	2119.606	92.196	143.981	ON
130127_165228	219	ON-LINE	30	123300	1725	61124.54	2117.653	91.117	143.117	ON
130127_165228	219	ON-LINE	30	123300	1725	61154.59	2118.045	91.833	142.773	ON
130127_165228	219	ON-LINE	30	123300	1725	61184.54	2120.788	92.559	142.06	ON
130127_165228	219	ON-LINE	30	123300	1725	61214.59	2122.481	91.742	141.18	ON
130127_165228	219	ON-LINE	30	123300	1725	61244.64	2123.854	91.077	141.692	ON
130127_165228	219	ON-LINE	30	123300	1725	61274.59	2120.717	91.364	142.761	ON
130127_165228	219	ON-LINE	30	123300	1725	61304.59	2114.181	91.447	143.46	ON
130127_165228	219	ON-LINE	30	123300	1725	61334.54	2119.552	91.169	141.606	ON
130127_165228	219	ON-LINE	30	123300	1725	61364.59	2122.803	90.329	140.749	ON
130127_165228	219	ON-LINE	30	123300	1725	61394.54	2125.845	90.17	140.606	ON
130127_165228	219	ON-LINE	30	123300	1725	61424.59	2123.571	90.211	141.64	ON
130127_165228	219	OFF	30	123300	1725	61432.39	2121.688	91.284	142.006	ON

130127_165228	219	Yellow Warning	30	123300	1725	61432.39	2122.53	89.402	142.08	ON
130127_165228	219	Yellow Warning	30	123300	1725	61432.39	2122.53	89.402	142.08	ON
130127_165228	219	Cleared	30	123300	1725	61432.39	2123.405	86.51	142.057	ON
130127_165228	219	Cleared	30	123300	1725	61432.39	2123.405	86.51	142.057	ON
		OFF-LINE	30	123300	1725	61461.54	2120.168	54.001	147.495	ON
		OFF-LINE	30	123300	1725	61491.6	2121.836	132.515	136.646	ON
		OFF-LINE	30	123300	1725	61521.55	2124.526	237.384	142.377	ON
		OFF-LINE	30	123300	1725	61551.6	2132.918	266.644	145.478	ON
130127_170553	220	ON	30	123300	1725	61569.3	2130.063	267.522	146.509	ON
130127_170553	220	ON-LINE	30	123300	1725	61598.55	2132.581	265.314	147.089	ON
130127_170553	220	ON-LINE	30	123300	1725	61628.6	2131.712	266.156	148.336	ON
130127_170553	220	ON-LINE	30	123300	1725	61658.55	2137.238	264.163	146.802	ON
130127_170553	220	ON-LINE	30	123300	1725	61688.6	2129.689	264.035	148.613	ON
130127_170553	220	ON-LINE	30	123300	1725	61718.65	2127.192	264.558	148.072	ON
130127_170553	220	ON-LINE	30	123300	1725	61748.6	2131.68	264.908	146.26	ON
130127_170553	220	ON-LINE	30	123300	1725	61778.65	2128.105	265.168	146.923	ON
130127_170553	220	ON-LINE	30	123300	1725	61808.55	2126.645	265.151	147.222	ON
		Yellow Warning								
130127_170553	220	Warning	30	123300	1725	61808.55	2119.668	263.442	148.298	ON
130127_170553	220	Cleared	30	123300	1725	61808.55	2119.014	263.32	148.3	ON
		Yellow Warning								
130127_170553	220	Warning	30	123300	1725	61808.55	2118.536	264.337	148.365	ON
130127_170553	220	Cleared	30	123300	1725	61808.55	2118.399	265.25	148.41	ON
130127_170553	220	ON-LINE	30	123300	1725	61838.6	2119.03	263.332	147.929	ON
130127_170553	220	ON-LINE	30	123300	1725	61868.55	2114.549	264.379	147.495	ON
130127_170553	220	ON-LINE	30	123300	1725	61898.6	2118.145	264.711	145.01	ON
130127_170553	220	ON-LINE	30	123300	1725	61928.55	2125.328	264.024	144.641	ON
130127_170553	220	ON-LINE	30	123300	1725	61958.6	2126.711	263.678	145.301	ON

130127_170553	220	ON-LINE	30	123300	1725	61988.55	2123.888	264.261	145.106	ON
130127_170553	220	ON-LINE	30	123300	1725	62018.6	2129.531	263.198	142.939	ON
130127_170553	220	ON-LINE	30	123300	1725	62048.6	2138.274	262.58	142.307	ON
130127_170553	220	ON-LINE	30	123300	1725	62078.55	2128.654	262.901	145.759	ON
130127_170553	220	ON-LINE	30	123300	1725	62108.61	2128.805	263.71	145.56	ON
130127_170553	220	ON-LINE	30	123300	1725	62138.56	2130.784	264.87	145.304	ON
130127_170553	220	ON-LINE	30	123300	1725	62168.61	2120.315	264.296	147.157	ON
130127_170553	220	ON-LINE	30	123300	1725	62198.56	2127.362	264.655	144.928	ON
130127_170553	220	OFF	30	123300	1725	62219.86	2127.002	264.88	144.826	ON
		Yellow Warning								
130127_170553	220	Yellow Warning	30	123300	1725	62219.86	2126.946	263.612	144.98	ON
		Yellow Warning								
130127_170553	220	Warning	30	123300	1725	62219.86	2126.946	263.612	144.98	ON
130127_170553	220	Cleared	30	123300	1725	62219.86	2127.126	262.449	144.709	ON
130127_170553	220	Cleared	30	123300	1725	62219.86	2127.126	262.449	144.709	ON
		OFF-LINE	30	123300	1725	62249.61	2128.017	188.21	131.151	ON
		OFF-LINE	30	123300	1725	62279.56	2121.643	122.965	134.199	ON
		OFF-LINE	30	123300	1725	62309.61	2125.301	115.613	134.505	ON
		OFF-LINE	30	123300	1725	62339.56	2127.642	108.526	135.457	ON
		OFF-LINE	30	123300	1725	62369.61	2116.412	109.717	137.907	ON
		OFF-LINE	30	123300	1725	62399.56	2127.099	98.349	136.513	ON
		OFF-LINE	30	123300	1725	62429.61	2141.897	84.894	136.226	ON
		OFF-LINE	30	123300	1725	62459.56	2127.153	87.351	140.647	ON
		OFF-LINE	30	123300	1725	62489.56	2117.353	53.085	149.707	ON
130127_172137	UL001	ON	30	123300	1725	62513.71	2122.44	354.612	152.152	ON
130127_172137	UL001	ON-LINE	30	123300	1725	62543.56	2115.629	357.668	153.735	ON
130127_172137	UL001	ON-LINE	30	123300	1725	62573.61	2123.978	356.823	152.529	ON
130127_172137	UL001	ON-LINE	30	123300	1725	62603.56	2126.638	357.658	153.065	ON
130127_172137	UL001	ON-LINE	30	123300	1725	62633.61	2123.836	359.775	154.395	ON
130127_172137	UL001	ON-LINE	30	123300	1725	62663.51	2119.553	358.797	155.237	ON

130127_172137	UL001	ON-LINE	30	123300	1725	62693.56	2113.667	358.888	156.047	ON
130127_172137	UL001	ON-LINE	30	123300	1725	62723.56	2117.02	359.543	154.53	ON
130127_172137	UL001	ON-LINE	30	123300	1725	62753.57	2111.943	358.389	155.113	ON
130127_172137	UL001	ON-LINE	30	123300	1725	62783.62	2123.682	358.13	152.86	ON
130127_172137	UL001	ON-LINE	30	123300	1725	62813.57	2124.589	357.562	153.794	ON
		Yellow Warning	30	123300	1725	62813.57	2123.598	358.543	154.086	ON
130127_172137	UL001	Yellow Warning	30	123300	1725	62813.57	2123.598	358.543	154.086	ON
130127_172137	UL001	Cleared	30	123300	1725	62813.57	2123.203	358.743	154.21	ON
130127_172137	UL001	Cleared	30	123300	1725	62813.57	2122.671	359.082	154.361	ON
130127_172137	UL001	OFF	30	123300	1725	62841.22	2124.354	0.034	154.09	ON
		Yellow Warning	30	123300	1725	62841.22	2124.126	0.39	154.126	ON
130127_172137	UL001	Yellow Warning	30	123300	1725	62841.22	2124.126	0.39	154.126	ON
130127_172137	UL001	Cleared	30	123300	1725	62841.22	2124.159	0.35	154.089	ON
130127_172137	UL001	Cleared	30	123300	1725	62841.22	2124.159	0.35	154.089	ON
		Yellow Warning	30	123300	1725	62841.22	2124.159	0.35	154.089	ON
130127_172137	UL001	Yellow Warning	30	123300	1725	62841.22	2124.159	0.35	154.089	ON
130127_172137	UL001	Cleared	30	123300	1725	62841.22	2124.304	0.834	154.027	ON
130127_172137	UL001	Cleared	30	123300	1725	62841.22	2124.304	0.834	154.027	ON
		OFF-LINE	30	123300	1725	62870.57	2123.876	42.837	150.665	ON
		OFF-LINE	30	123300	1725	62900.57	2103.35	98.937	143.278	ON
		OFF-LINE	30	123300	1725	62930.52	2111.266	89.444	141.219	ON
		OFF-LINE	30	123300	1725	62960.57	2109.246	92.841	140.396	ON
		OFF-LINE	30	123300	1725	62990.62	2118.184	92.019	137.997	ON
		OFF-LINE	30	123300	1725	63020.57	2113.938	86.911	141.014	ON
		OFF-LINE	30	123300	1725	63050.62	2125.037	92.613	139.438	ON

		OFF-LINE	30	123300	1725	63080.57	2117.37	93.634	143.89	ON
		OFF-LINE	30	123300	1725	63110.62	2117.762	97.81	144.351	ON
		OFF-LINE	30	123300	1725	63140.57	2115.627	94.927	147.142	ON
		OFF-LINE	30	123300	1725	63170.62	2121.364	98.688	144.779	ON
		OFF-LINE	30	123300	1725	63200.52	2118.554	162.995	137.222	ON
130127_173322	UL002	ON	30	123300	1725	63217.97	2119.235	173.814	136.918	ON
130127_173322	UL002	ON-LINE	30	123300	1725	63247.62	2113.364	177.345	138.149	ON
130127_173322	UL002	ON-LINE	30	123300	1725	63277.57	2113.601	180.801	138.342	ON
130127_173322	UL002	ON-LINE	30	123300	1725	63307.57	2112.497	176.725	137.11	ON
130127_173322	UL002	ON-LINE	30	123300	1725	63337.52	2107.486	178.424	137.916	ON
130127_173322	UL002	ON-LINE	30	123300	1725	63367.58	2107.868	175.976	138.869	ON
130127_173322	UL002	ON-LINE	30	123300	1725	63397.63	2113.485	174.644	137.781	ON
130127_173322	UL002	ON-LINE	30	123300	1725	63427.58	2116.634	176.749	136.833	ON
130127_173322	UL002	ON-LINE	30	123300	1725	63457.63	2108.575	178.197	140.068	ON
130127_173322	UL002	ON-LINE	30	123300	1725	63487.58	2113.485	176.814	140.703	ON
130127_173322	UL002	ON-LINE	30	123300	1725	63517.63	2112.951	176.636	140.988	ON
130127_173322	UL002	ON-LINE	30	123300	1725	63547.53	2116.572	178.208	140.289	ON
130127_173322	UL002	OFF	30	123300	1725	63562.38	2115.438	176.656	140.592	ON
130127_173322	UL002	Yellow Warning	30	123300	1725	63562.38	2114.821	177.206	140.767	ON
130127_173322	UL002	Yellow Warning	30	123300	1725	63562.38	2114.821	177.206	140.767	ON
130127_173322	UL002	Cleared	30	123300	1725	63562.38	2114.297	177.155	140.864	ON
130127_173322	UL002	Cleared	30	123300	1725	63562.38	2114.297	177.155	140.864	ON
130127_173322	UL002	Yellow Warning	30	123300	1725	63562.38	2114.297	177.155	140.864	ON
130127_173322	UL002	Yellow Warning	30	123300	1725	63562.38	2114.297	177.155	140.864	ON
130127_173322	UL002	Cleared	30	123300	1725	63562.38	2113.86	177.548	140.794	ON
130127_173322	UL002	Cleared	30	123300	1725	63562.38	2113.86	177.548	140.794	ON

		OFF-LINE	30	123300	1725	63591.63	2027.251	153.926	134.223	ON
		OFF-LINE	30	123300	1725	63621.58	1921.012	114.613	128.142	ON
		OFF-LINE	30	123300	1725	63651.58	1738.767	107.035	140.328	ON
		OFF-LINE	30	123300	1725	63681.53	1588.801	117.853	137.577	ON
		OFF-LINE	30	123300	1725	63711.58	1447.494	118.543	132.624	ON
		OFF-LINE	30	123300	1725	63741.53	1316.943	70.233	132.391	ON
		OFF-LINE	30	123300	1725	63771.58	1203.984	9.598	141.498	ON
		OFF-LINE	30	123300	1725	63801.63	1044.595	337.802	141.759	ON
		OFF-LINE	30	123300	1725	63831.58	888.169	98.795	131.228	ON
		OFF-LINE	30	123300	1725	63861.58	744.055	183.019	128.332	ON
		OFF-LINE	30	123300	1725	63891.53	619.312	129.97	125.614	ON
		OFF-LINE	30	123300	1725	63921.58	476.273	253.508	134.035	ON
		OFF-LINE	30	123300	1725	63951.53	394.868	8.49	122.437	ON
		OFF-LINE	30	123300	1725	63981.58	317.709	57.366	118.223	ON
		OFF-LINE	30	123300	1725	64011.64	292.615	64.005	87.077	ON
		OFF-LINE	30	123300	1725	64041.59	166.732	72.591	90.892	ON
		OFF-LINE	30	123300	1725	64071.64	37.416	64.873	80.421	ON
		OFF-LINE	30	123300	1725	64101.59	-4.265	63.36	49.797	ON
		OFF-LINE	30	123300	1725	64131.59	-4.232	63.429	27.877	ON
		OFF-LINE	30	123300	1725	64161.54	-3.956	99.692	10.822	ON
		OFF-LINE	30	123300	1725	64191.59	-3.633	180.365	18.829	ON
		OFF-LINE	30	123300	1725	64221.54	-3.107	179.545	10.86	ON
		OFF-LINE	30	123300	1725	64251.59	-2.94	89.223	3.586	ON
		OFF-LINE	30	123300	1725	64281.64	-1.986	87.703	0.091	ON
		OFF-LINE	30	123300	1725	64311.59	-1.614	87.679	0.076	ON
		OFF-LINE	30	123300	1725	64341.59	-1.554	87.681	0.047	ON
		OFF-LINE	30	123300	1725	64371.54	-1.601	87.637	0.048	ON
		OFF-LINE	30	123300	1725	64401.59	-1.629	87.617	0.041	ON
		OFF-LINE	30	123300	1725	64431.54	-1.677	87.608	0.036	ON

		OFF-LINE	30	123300	1725	64461.59	-1.707	87.6	0.03	ON
		OFF-LINE	30	123300	1725	64491.54	-1.725	87.579	0.042	ON
		OFF-LINE	30	123300	1725	64521.59	-1.756	87.548	0.035	ON
		OFF-LINE	30	123300	1725	64551.59	-1.786	87.514	0.037	ON
		OFF-LINE	30	123300	1725	64581.54	-1.84	87.516	0.027	ON
		OFF-LINE	30	123300	1725	64611.59	-1.913	87.487	0.035	ON
		OFF-LINE	30	123300	1725	64641.55	-1.981	87.485	0.048	ON
		OFF-LINE	30	123300	1725	64671.6	-2.009	87.496	0.055	ON
		OFF-LINE	30	123300	1725	64701.55	-2.003	87.424	0.039	ON
		OFF-LINE	30	123300	1725	64731.6	-2.015	87.409	0.036	ON
		OFF-LINE	30	123300	1725	64761.55	-2.037	87.425	0.046	ON
		OFF-LINE	30	123300	1725	64791.55	-2.036	87.391	0.041	ON
130127_173322	LASETEST	OFF	30	123300	1725	64810.3	-2.029	87.382	0.033	ON

JD13031_1

LINE ID	LINE NUMBER	ON/OFF	SET SCAN RATE	PULSERATE	WEEK NUM	SECONDS OF WEEK	ALT	HEADING	SPEED(knots)	ROLL COMP
		OFF-LINE	1	100000	1725	395433	-2.494	297.883	0.034	ON
		OFF-LINE	1	100000	1725	395462.9	-1.917	297.838	0.026	ON
		OFF-LINE	1	100000	1725	395492.9	-1.536	297.832	0.027	ON
130131_135139	BITTEST	OFF	10	50000	1725	395517.3	-1.332	297.805	0.061	ON
130131_135141	BITTEST	ON	10	50000	1725	395517.6	-1.328	297.834	0.027	ON

130131_135141	BITTEST	OFF	10	50000	1725	395521.3	0.067	298.182	0.257	ON
130131_135159	LASETEST	ON	10	50000	1725	395535.8	0.896	298.199	0.055	ON
130131_135159	LASETEST	OFF	10	50000	1725	395539.4	0.909	298.183	0.044	ON
		OFF-LINE	30	123300	1725	395569	0.391	353.272	9.259	ON
		OFF-LINE	30	123300	1725	395599	0.17	279.506	0.579	ON
		OFF-LINE	30	123300	1725	395628.9	-0.27	279.207	0.043	ON
		OFF-LINE	30	123300	1725	395659	-0.088	279.183	0.014	ON
		OFF-LINE	30.5	82700	1725	395688.9	0.033	279.242	0.017	ON
		OFF-LINE	30.5	82700	1725	395719	0.113	279.04	0.013	ON
		OFF-LINE	30	123300	1725	395748.9	0.232	278.742	0.013	ON
		OFF-LINE	30	123300	1725	395779	0.324	278.619	0.026	ON
		OFF-LINE	30	123300	1725	395809	0.39	278.316	0.03	ON
		OFF-LINE	30	123300	1725	395839	0.456	278.397	0.005	ON
		OFF-LINE	30	123300	1725	395869	0.486	278.351	0.012	ON
		OFF-LINE	30	123300	1725	395899	0.507	268.493	2.281	ON
		OFF-LINE	30	123300	1725	395929	0.994	181.812	13.35	ON
		OFF-LINE	30	123300	1725	395959	2.515	181.252	16.572	ON
		OFF-LINE	30	123300	1725	395989	4.012	137.75	11.736	ON
		OFF-LINE	30	123300	1725	396018.9	5.044	123.446	15.335	ON
		OFF-LINE	30	123300	1725	396049	5.294	299.431	42.336	ON
		OFF-LINE	30	123300	1725	396079	48.889	299.113	78.233	ON
		OFF-LINE	30	123300	1725	396109	155.692	298.574	85.869	ON
		OFF-LINE	30	123300	1725	396139	253.502	296.741	89.018	ON
		OFF-LINE	30	123300	1725	396169	362.067	274.458	94.387	ON
		OFF-LINE	30	123300	1725	396199	450.08	279.37	96.757	ON
		OFF-LINE	30	123300	1725	396229	559.519	276.546	95.057	ON
		OFF-LINE	30	123300	1725	396259	658.249	272.313	99.209	ON
		OFF-LINE	30	123300	1725	396288.9	765.195	272.863	99.867	ON
		OFF-LINE	30	123300	1725	396319	873.989	272.377	99.919	ON

		OFF-LINE	30	123300	1725	396349	978.506	279.86	94.827	ON
		OFF-LINE	30	123300	1725	396379	1084.487	280.172	93.244	ON
		OFF-LINE	30	123300	1725	396409	1186.998	279.485	93.454	ON
		OFF-LINE	30	123300	1725	396438.9	1289.578	276.393	93.605	ON
		OFF-LINE	30	123300	1725	396469	1379.756	277.493	94.282	ON
		OFF-LINE	30	123300	1725	396498.9	1476.664	276.904	92.764	ON
		OFF-LINE	30	123300	1725	396529	1575.738	279.698	90.242	ON
		OFF-LINE	30	123300	1725	396559	1656.322	277.359	95.508	ON
		OFF-LINE	30	123300	1725	396589	1766.369	276.061	90.752	ON
		OFF-LINE	30	123300	1725	396619	1852.959	277.961	90.33	ON
		OFF-LINE	30	123300	1725	396649	1943.984	276.797	91.614	ON
		OFF-LINE	30	123300	1725	396679	2043.806	273.872	90.502	ON
		OFF-LINE	30	123300	1725	396708.9	2088.391	275.777	99.857	ON
		OFF-LINE	30	123300	1725	396739	2074.835	274.579	110.946	ON
		OFF-LINE	30	123300	1725	396768.9	2091.272	275.103	110.31	ON
		OFF-LINE	30	123300	1725	396799	2101.135	271.395	111.171	ON
		OFF-LINE	30	123300	1725	396829	2104.527	264.529	113.863	ON
		OFF-LINE	30	123300	1725	396859	2104.248	273.125	111.778	ON
		OFF-LINE	30	123300	1725	396889	2116.242	272.194	110.175	ON
		OFF-LINE	30	123300	1725	396918.9	2121.908	270.207	112.145	ON
		OFF-LINE	30	123300	1725	396949	2118.61	268.854	114.348	ON
		OFF-LINE	30	123300	1725	396978.9	2106.819	202.549	159.388	ON
		OFF-LINE	30	123300	1725	397009	2086.149	246.836	130.95	ON
		OFF-LINE	30	123300	1725	397038.9	2095.621	321.942	113.798	ON
		OFF-LINE	30	123300	1725	397069	2109.773	318.375	108.021	ON
		OFF-LINE	30	123300	1725	397099	2095.833	277.209	112.659	ON
		OFF-LINE	30	123300	1725	397129	2097.115	277.727	110.626	ON
		OFF-LINE	30	123300	1725	397159	2115.417	286.117	104.328	ON
		OFF-LINE	30	123300	1725	397188.9	2110.835	288.544	107.288	ON

		OFF-LINE	30	123300	1725	397219	2111.462	289.086	108.873	ON
		OFF-LINE	30	123300	1725	397248.9	2115.919	287.731	108.584	ON
		OFF-LINE	30	123300	1725	397279	2121.139	300.317	100.916	ON
		OFF-LINE	30	123300	1725	397308.9	2111.311	35.789	146.87	ON
		OFF-LINE	30	123300	1725	397339	2119.432	80.197	156.258	ON
130131_142218	221	ON	30	123300	1725	397354.9	2111.851	79.409	149.088	ON
130131_142218	221	ON-LINE	30	123300	1725	397383.9	2112.315	76.081	141.613	ON
130131_142218	221	ON-LINE	30	123300	1725	397414	2117.121	77.045	139.291	ON
130131_142218	221	ON-LINE	30	123300	1725	397443.9	2129.091	78.285	143.787	ON
130131_142218	221	ON-LINE	30	123300	1725	397473.9	2126.153	77.196	144.54	ON
130131_142218	221	ON-LINE	30	123300	1725	397504	2120.485	77.684	145.391	ON
130131_142218	221	ON-LINE	30	123300	1725	397533.9	2116.401	77.009	144.199	ON
130131_142218	221	ON-LINE	30	123300	1725	397564	2112.893	78.278	144.32	ON
130131_142218	221	ON-LINE	30	123300	1725	397593.9	2115.45	77.35	142.482	ON
130131_142218	221	ON-LINE	30	123300	1725	397624	2116.903	78.507	143.134	ON
130131_142218	221	ON-LINE	30	123300	1725	397654	2124.522	79.656	143.462	ON
130131_142218	221	ON-LINE	30	123300	1725	397683.9	2129.571	78.007	144.756	ON
130131_142218	221	ON-LINE	30	123300	1725	397714	2126.524	78.513	146.598	ON
130131_142218	221	ON-LINE	30	123300	1725	397743.9	2123.682	79.04	147.536	ON
		Yellow								
130131_142218	221	Warning	30	123300	1725	397743.9	2119.912	80.247	147.195	ON
130131_142218	221	Cleared	30	123300	1725	397743.9	2120.067	80.471	147.257	ON
		Yellow								
130131_142218	221	Warning	30	123300	1725	397743.9	2119.702	81.385	147.572	ON
130131_142218	221	Cleared	30	123300	1725	397743.9	2119.304	80.946	147.784	ON
130131_142218	221	ON-LINE	30	123300	1725	397774	2117.813	77.357	148.107	ON
		Yellow								
130131_142218	221	Warning	30	123300	1725	397774	2117.144	77.256	148.284	ON
130131_142218	221	Cleared	30	123300	1725	397774	2116.506	77.041	148.441	ON
130131_142218	221	ON-LINE	30	123300	1725	397803.9	2116.264	78.131	147.921	ON

130131_142218	221	ON-LINE	30	123300	1725	397834	2119.27	77.214	145.226	ON
130131_142218	221	ON-LINE	30	123300	1725	397864	2120.084	79.984	144.817	ON
130131_142218	221	ON-LINE	30	123300	1725	397893.9	2121.319	79.38	145.957	ON
130131_142218	221	ON-LINE	30	123300	1725	397924	2124.695	77.901	146.903	ON
130131_142218	221	ON-LINE	30	123300	1725	397953.9	2122.36	78.834	147.566	ON
130131_142218	221	ON-LINE	30	123300	1725	397984	2126.15	79.012	146.99	ON
130131_142218	221	OFF	30	123300	1725	398010.2	2126.687	78.59	148.391	ON
130131_142218	221	Yellow Warning	30	123300	1725	398010.2	2126.899	78.351	148.305	ON
130131_142218	221	Yellow Warning	30	123300	1725	398010.2	2126.899	78.351	148.305	ON
130131_142218	221	Cleared	30	123300	1725	398010.2	2127.054	77.526	147.807	ON
130131_142218	221	Cleared	30	123300	1725	398010.2	2127.054	77.526	147.807	ON
		OFF-LINE	30	123300	1725	398040	2131.937	27.685	122.219	ON
		OFF-LINE	30	123300	1725	398069.9	2113.974	122.865	156.299	ON
		OFF-LINE	30	123300	1725	398100	2111.494	248.961	102.172	ON
		OFF-LINE	30	123300	1725	398130	2119.663	274.015	95.929	ON
		OFF-LINE	30	123300	1725	398159.9	2137.401	278.053	101.485	ON
130131_143606	222	ON	30	123300	1725	398182.7	2137.619	274.83	107.157	ON
130131_143606	222	Yellow Warning	30	123300	1725	398182.7	2132.999	275.014	109.068	ON
130131_143606	222	Cleared	30	123300	1725	398182.7	2132.922	274.86	109.238	ON
130131_143606	222	ON-LINE	30	123300	1725	398211.9	2137.252	274.75	110.219	ON
130131_143606	222	ON-LINE	30	123300	1725	398242	2119.28	275.584	114.696	ON
130131_143606	222	ON-LINE	30	123300	1725	398272	2113.438	275.082	114.635	ON
130131_143606	222	ON-LINE	30	123300	1725	398302	2113.689	276.215	112.951	ON
130131_143606	222	ON-LINE	30	123300	1725	398332	2112.284	275.675	114.309	ON
130131_143606	222	ON-LINE	30	123300	1725	398361.9	2114.435	275.629	114.57	ON
130131_143606	222	ON-LINE	30	123300	1725	398392	2112.092	275.833	115.04	ON
130131_143606	222	ON-LINE	30	123300	1725	398421.9	2106.641	275.095	112.487	ON

130131_143606	222	ON-LINE	30	123300	1725	398452	2105.92	273.238	111.196	ON
130131_143606	222	ON-LINE	30	123300	1725	398481.9	2108.469	273.851	110.436	ON
130131_143606	222	ON-LINE	30	123300	1725	398512	2101.806	275.394	112.42	ON
130131_143606	222	ON-LINE	30	123300	1725	398542	2112.892	275.701	109.442	ON
130131_143606	222	ON-LINE	30	123300	1725	398571.9	2109.193	273.972	111.345	ON
130131_143606	222	ON-LINE	30	123300	1725	398602	2119.311	275.209	110.46	ON
130131_143606	222	ON-LINE	30	123300	1725	398631.9	2121.894	275.163	111.078	ON
130131_143606	222	ON-LINE	30	123300	1725	398662	2127.647	274.815	111.051	ON
130131_143606	222	ON-LINE	30	123300	1725	398691.9	2128.12	274.899	111.382	ON
130131_143606	222	ON-LINE	30	123300	1725	398722	2124.117	274.579	112.829	ON
130131_143606	222	ON-LINE	30	123300	1725	398751.9	2129.347	274.876	112.384	ON
130131_143606	222	ON-LINE	30	123300	1725	398782	2130.752	276.012	112.315	ON
130131_143606	222	ON-LINE	30	123300	1725	398811.9	2124.508	275.155	113.899	ON
130131_143606	222	ON-LINE	30	123300	1725	398841.9	2117.466	274.68	113.812	ON
		Yellow Warning								
130131_143606	222	Warning	30	123300	1725	398841.9	2118.509	274.62	113.432	ON
130131_143606	222	Cleared	30	123300	1725	398841.9	2119.117	274.794	113.214	ON
130131_143606	222	ON-LINE	30	123300	1725	398872	2123.818	275.018	111.43	ON
130131_143606	222	ON-LINE	30	123300	1725	398901.9	2120.422	275.413	112.56	ON
130131_143606	222	ON-LINE	30	123300	1725	398932	2116.488	274.206	113.244	ON
130131_143606	222	ON-LINE	30	123300	1725	398961.9	2118.919	274.792	111.918	ON
130131_143606	222	ON-LINE	30	123300	1725	398992	2123.509	274.344	111.113	ON
130131_143606	222	ON-LINE	30	123300	1725	399021.9	2120.882	274.206	111.68	ON
130131_143606	222	OFF	30	123300	1725	399027.6	2119.735	277.251	111.592	ON
		Yellow Warning								
130131_143606	222	Warning	30	123300	1725	399027.6	2119.238	278.542	111.254	ON
130131_143606	222	Yellow Warning								
130131_143606	222	Warning	30	123300	1725	399027.6	2119.238	278.542	111.254	ON
130131_143606	222	Cleared	30	123300	1725	399027.6	2119.058	279.238	111.001	ON
130131_143606	222	Cleared	30	123300	1725	399027.6	2119.058	279.238	111.001	ON

		OFF-LINE	30	123300	1725	399056.9	2122.841	315.621	103.072	ON
		OFF-LINE	30	123300	1725	399087	2135.262	259.876	94.48	ON
		OFF-LINE	30	123300	1725	399117	2131.948	210.322	123.669	ON
		OFF-LINE	30	123300	1725	399147	2133.251	44.807	136.62	ON
130131_145236	223	ON	30	123300	1725	399172.3	2136.328	76.558	148.212	ON
130131_145236	223	ON-LINE	30	123300	1725	399202	2133.071	78.309	145.903	ON
130131_145236	223	ON-LINE	30	123300	1725	399231.9	2126.794	80.924	144.442	ON
130131_145236	223	ON-LINE	30	123300	1725	399262	2128.163	77.721	144.665	ON
130131_145236	223	ON-LINE	30	123300	1725	399292	2132.303	79.073	145.508	ON
130131_145236	223	ON-LINE	30	123300	1725	399322	2138.576	78.745	144.713	ON
130131_145236	223	ON-LINE	30	123300	1725	399352	2133.965	77.665	147.439	ON
130131_145236	223	ON-LINE	30	123300	1725	399382	2132.085	79.394	148.644	ON
130131_145236	223	ON-LINE	30	123300	1725	399412	2135.694	80.537	146.648	ON
130131_145236	223	ON-LINE	30	123300	1725	399441.9	2131.698	78.565	147.139	ON
130131_145236	223	ON-LINE	30	123300	1725	399472	2131.687	77.729	146.475	ON
130131_145236	223	ON-LINE	30	123300	1725	399501.9	2129.242	77.771	147.191	ON
130131_145236	223	ON-LINE	30	123300	1725	399532	2127.397	79.19	147.84	ON
130131_145236	223	ON-LINE	30	123300	1725	399562	2128.614	80.689	147.075	ON
130131_145236	223	ON-LINE	30	123300	1725	399592	2124.404	77.52	146.588	ON
130131_145236	223	ON-LINE	30	123300	1725	399622	2125.467	78.077	146.549	ON
130131_145236	223	ON-LINE	30	123300	1725	399651.9	2125.753	77.156	146.132	ON
130131_145236	223	ON-LINE	30	123300	1725	399682	2124.928	77.401	146.526	ON
130131_145236	223	ON-LINE	30	123300	1725	399711.9	2128.54	77.469	146.238	ON
130131_145236	223	ON-LINE	30	123300	1725	399742	2131.032	77.581	146.58	ON
130131_145236	223	ON-LINE	30	123300	1725	399772	2128.494	77.832	146.947	ON
130131_145236	223	ON-LINE	30	123300	1725	399802	2121.704	78.358	145.846	ON
130131_145236	223	Yellow Warning	30	123300	1725	399802	2119.283	78.114	145.524	ON
130131_145236	223	Cleared	30	123300	1725	399802	2119.156	78.732	145.619	ON

130131_145236	223	OFF	30	123300	1725	399820.3	2118.992	78.522	145.601	ON
130131_145236	223	Yellow Warning	30	123300	1725	399820.3	2119.041	78.225	145.611	ON
130131_145236	223	Yellow Warning	30	123300	1725	399820.3	2119.041	78.225	145.611	ON
130131_145236	223	Cleared	30	123300	1725	399820.3	2119.096	78.304	145.582	ON
130131_145236	223	Cleared	30	123300	1725	399820.3	2119.096	78.304	145.582	ON
130131_145236	223	Yellow Warning	30	123300	1725	399820.3	2119.096	78.304	145.582	ON
130131_145236	223	Yellow Warning	30	123300	1725	399820.3	2119.096	78.304	145.582	ON
130131_145236	223	Cleared	30	123300	1725	399820.3	2119.141	78.251	145.498	ON
130131_145236	223	Cleared	30	123300	1725	399820.3	2119.141	78.251	145.498	ON
		OFF-LINE	30	123300	1725	399849.9	2124.138	34.408	130.725	ON
		OFF-LINE	30	123300	1725	399880	2141.945	134.741	161.218	ON
		OFF-LINE	30	123300	1725	399910	2132.991	263.422	100.412	ON
		OFF-LINE	30	123300	1725	399939.9	2130.718	274.758	101.236	ON
		OFF-LINE	30	123300	1725	399970	2138.827	275.964	105.76	ON
130131_150611	224	ON	30	123300	1725	399987.7	2130.138	276.069	109.697	ON
130131_150611	224	Yellow Warning	30	123300	1725	399987.7	2129.899	276.134	109.804	ON
130131_150611	224	Yellow Warning	30	123300	1725	399987.7	2129.899	276.134	109.804	ON
130131_150611	224	Cleared	30	123300	1725	399987.7	2129.511	275.855	109.96	ON
130131_150611	224	Cleared	30	123300	1725	399987.7	2129.248	276.583	109.987	ON
130131_150611	224	Yellow Warning	30	123300	1725	399987.7	2129.976	275.67	109.767	ON
130131_150611	224	Cleared	30	123300	1725	399987.7	2130.574	274.504	109.706	ON
130131_150611	224	Yellow Warning	30	123300	1725	399987.7	2131.121	274.765	109.636	ON
130131_150611	224	Cleared	30	123300	1725	399987.7	2131.327	275.569	109.613	ON

130131_150611	224	Yellow Warning	30	123300	1725	399987.7	2129.37	277.105	109.93	ON
130131_150611	224	Cleared	30	123300	1725	399987.7	2128.216	276.377	110.158	ON
130131_150611	224	Yellow Warning	30	123300	1725	399987.7	2127.182	275.905	110.402	ON
130131_150611	224	Yellow Warning	30	123300	1725	399987.7	2126.315	274.611	110.635	ON
130131_150611	224	Cleared	30	123300	1725	399987.7	2126.315	274.611	110.635	ON
130131_150611	224	Cleared	30	123300	1725	399987.7	2125.651	274.729	110.807	ON
130131_150611	224	Yellow Warning	30	123300	1725	399987.7	2125.651	274.729	110.807	ON
130131_150611	224	Cleared	30	123300	1725	399987.7	2125.122	275.007	110.901	ON
130131_150611	224	Yellow Warning	30	123300	1725	399987.7	2120.02	275.515	111.85	ON
130131_150611	224	ON-LINE	30	123300	1725	400017	2119.496	275.636	111.957	ON
130131_150611	224	Cleared	30	123300	1725	400017	2119.302	275.52	111.999	ON
130131_150611	224	Yellow Warning	30	123300	1725	400017	2128.01	276.105	109.207	ON
130131_150611	224	Cleared	30	123300	1725	400017	2127.963	276.16	109.189	ON
130131_150611	224	ON-LINE	30	123300	1725	400047	2128.03	275.154	109.121	ON
130131_150611	224	Yellow Warning	30	123300	1725	400047	2128.521	276.008	108.937	ON
130131_150611	224	Cleared	30	123300	1725	400047	2128.97	275.88	108.798	ON
130131_150611	224	ON-LINE	30	123300	1725	400077	2125.324	275.398	109.297	ON
130131_150611	224	ON-LINE	30	123300	1725	400107	2126.398	275.407	108.914	ON
130131_150611	224	ON-LINE	30	123300	1725	400136.9	2135.388	275.876	109.624	ON
130131_150611	224	ON-LINE	30	123300	1725	400167	2130.438	275.494	112.917	ON
130131_150611	224	ON-LINE	30	123300	1725	400196.9	2122.363	275.024	113.383	ON
130131_150611	224	ON-LINE	30	123300	1725	400227	2108.857	275.44	114.514	ON
130131_150611	224	ON-LINE	30	123300	1725	400256.9	2098.15	275.636	114.47	ON
130131_150611	224	ON-LINE	30	123300	1725	400287	2087.065	274.357	115.079	ON

130131_150611	224	ON-LINE	30	123300	1725	400317	2094.264	273.494	111.8	ON
130131_150611	224	ON-LINE	30	123300	1725	400347	2103.429	275.83	109.814	ON
130131_150611	224	ON-LINE	30	123300	1725	400377	2103.62	275.294	110.471	ON
130131_150611	224	ON-LINE	30	123300	1725	400406.9	2103.514	275.239	111.4	ON
130131_150611	224	ON-LINE	30	123300	1725	400437	2106.683	275.365	111.541	ON
130131_150611	224	ON-LINE	30	123300	1725	400466.9	2103.415	275.523	111.954	ON
130131_150611	224	ON-LINE	30	123300	1725	400497	2109.8	275.855	112.64	ON
130131_150611	224	ON-LINE	30	123300	1725	400527	2110.739	275.977	113.239	ON
130131_150611	224	ON-LINE	30	123300	1725	400556.9	2109.783	276.191	113.768	ON
130131_150611	224	ON-LINE	30	123300	1725	400587	2105.173	276.135	114.498	ON
130131_150611	224	ON-LINE	30	123300	1725	400616.9	2112.384	274.908	113.186	ON
130131_150611	224	ON-LINE	30	123300	1725	400647	2103.966	275.07	114.568	ON
130131_150611	224	ON-LINE	30	123300	1725	400676.9	2099.78	275.763	113.949	ON
130131_150611	224	ON-LINE	30	123300	1725	400707	2102.967	275.508	111.815	ON
130131_150611	224	ON-LINE	30	123300	1725	400736.9	2105.529	275.653	110.543	ON
130131_150611	224	ON-LINE	30	123300	1725	400766.9	2109.189	274.403	110.368	ON
130131_150611	224	ON-LINE	30	123300	1725	400797	2106.264	273.672	112.581	ON
130131_150611	224	ON-LINE	30	123300	1725	400826.9	2110.084	274.444	111.865	ON
130131_150611	224	OFF	30	123300	1725	400833.5	2111.153	274.051	112.112	ON
130131_150611	224	Yellow Warning	30	123300	1725	400833.5	2110.908	275.294	112.091	ON
130131_150611	224	Yellow Warning	30	123300	1725	400833.5	2110.908	275.294	112.091	ON
130131_150611	224	Cleared	30	123300	1725	400833.5	2110.781	276.664	111.746	ON
130131_150611	224	Cleared	30	123300	1725	400833.5	2110.781	276.664	111.746	ON
130131_150611	224	Yellow Warning	30	123300	1725	400833.5	2110.781	276.664	111.746	ON
130131_150611	224	Yellow Warning	30	123300	1725	400833.5	2110.781	276.664	111.746	ON
130131_150611	224	Cleared	30	123300	1725	400833.5	2110.761	278.319	111.393	ON

130131_150611	224	Cleared	30	123300	1725	400833.5	2110.761	278.319	111.393	ON
		OFF-LINE	30	123300	1725	400863	2134.356	309.535	96.635	ON
		OFF-LINE	30	123300	1725	400892.9	2130.262	262.619	93.483	ON
		OFF-LINE	30	123300	1725	400923	2117.011	163.14	151.48	ON
		OFF-LINE	30	123300	1725	400952.9	2113.332	56.68	141.914	ON
130131_152230	225	ON	30	123300	1725	400966.2	2122.645	73.738	146.655	ON
130131_152230	225	ON-LINE	30	123300	1725	400996	2125.019	77.582	143.71	ON
130131_152230	225	ON-LINE	30	123300	1725	401025.9	2128.654	76.447	142.242	ON
130131_152230	225	ON-LINE	30	123300	1725	401056	2129.366	76.271	145.232	ON
130131_152230	225	ON-LINE	30	123300	1725	401085.9	2134.326	77.338	147.939	ON
130131_152230	225	ON-LINE	30	123300	1725	401116	2130.367	77.529	150.727	ON
130131_152230	225	ON-LINE	30	123300	1725	401146	2129.736	79.956	148.043	ON
130131_152230	225	ON-LINE	30	123300	1725	401175.9	2122.927	76.907	145.871	ON
130131_152230	225	ON-LINE	30	123300	1725	401206	2118.708	76.315	144.831	ON
130131_152230	225	ON-LINE	30	123300	1725	401235.9	2113.38	76.527	146.371	ON
130131_152230	225	ON-LINE	30	123300	1725	401266	2124.499	79.071	144.831	ON
130131_152230	225	ON-LINE	30	123300	1725	401295.9	2134.774	78.643	145.845	ON
130131_152230	225	ON-LINE	30	123300	1725	401326	2125.785	77.521	147.648	ON
130131_152230	225	ON-LINE	30	123300	1725	401356	2121.377	77.308	147.822	ON
130131_152230	225	ON-LINE	30	123300	1725	401385.9	2120.288	77.018	149.146	ON
130131_152230	225	ON-LINE	30	123300	1725	401416	2124.142	77.289	148.544	ON
130131_152230	225	ON-LINE	30	123300	1725	401445.9	2120.308	76.399	149.464	ON
130131_152230	225	ON-LINE	30	123300	1725	401476	2119.426	77.418	148.871	ON
130131_152230	225	ON-LINE	30	123300	1725	401505.9	2122.045	78.525	148.416	ON
130131_152230	225	ON-LINE	30	123300	1725	401536	2132.429	77.289	147.456	ON
130131_152230	225	ON-LINE	30	123300	1725	401566	2116.354	78.623	147.449	ON
130131_152230	225	Yellow Warning	30	123300	1725	401566	2108.306	77.169	146.868	ON
130131_152230	225	Cleared	30	123300	1725	401566	2107.55	77.129	146.873	ON

130131_152230	225	ON-LINE	30	123300	1725	401595.9	2109.14	77.788	144.236	ON
130131_152230	225	OFF	30	123300	1725	401611.9	2113.295	75.9	141.938	ON
130131_152230	225	Yellow Warning	30	123300	1725	401611.9	2116.06	75.718	140.852	ON
130131_152230	225	Yellow Warning	30	123300	1725	401611.9	2116.06	75.718	140.852	ON
130131_152230	225	Cleared	30	123300	1725	401611.9	2116.961	75.311	140.708	ON
130131_152230	225	Cleared	30	123300	1725	401611.9	2116.961	75.311	140.708	ON
		OFF-LINE	30	123300	1725	401640.9	2122.185	37.453	131.779	ON
		OFF-LINE	30	123300	1725	401670.9	2131.298	180.242	146.61	ON
		OFF-LINE	30	123300	1725	401700.9	2104.257	271.377	95.946	ON
		OFF-LINE	30	123300	1725	401730.9	2119.496	275.353	102.172	ON
130131_153541	226	ON	30	123300	1725	401757.2	2110.207	275.83	110.023	ON
130131_153541	226	ON-LINE	30	123300	1725	401786.9	2112.663	274.704	110.469	ON
130131_153541	226	ON-LINE	30	123300	1725	401817	2107.145	274.234	111.159	ON
130131_153541	226	Yellow Warning	30	123300	1725	401817	2107.771	274.702	110.972	ON
130131_153541	226	Cleared	30	123300	1725	401817	2108.199	274.336	110.765	ON
130131_153541	226	Yellow Warning	30	123300	1725	401817	2108.199	274.336	110.765	ON
130131_153541	226	Cleared	30	123300	1725	401817	2108.581	274.896	110.646	ON
130131_153541	226	ON-LINE	30	123300	1725	401846.9	2100.098	275.73	112.248	ON
130131_153541	226	ON-LINE	30	123300	1725	401877	2111.807	274.678	112.895	ON
130131_153541	226	ON-LINE	30	123300	1725	401906.9	2111.832	273.963	113.476	ON
130131_153541	226	Yellow Warning	30	123300	1725	401906.9	2108.668	275.783	114.8	ON
130131_153541	226	Cleared	30	123300	1725	401906.9	2108.285	274.989	114.875	ON
130131_153541	226	ON-LINE	30	123300	1725	401936.9	2107.905	275.475	114.606	ON
130131_153541	226	Yellow Warning	30	123300	1725	401936.9	2111.352	274.302	114.42	ON
130131_153541	226	Cleared	30	123300	1725	401936.9	2109.883	275.221	114.78	ON

130131_153541	226	ON-LINE	30	123300	1725	401967	2109.352	276.243	114.758	ON
130131_153541	226	ON-LINE	30	123300	1725	401996.9	2111.273	275.515	113.498	ON
130131_153541	226	ON-LINE	30	123300	1725	402027	2110.63	275.607	112.575	ON
130131_153541	226	ON-LINE	30	123300	1725	402056.9	2107.324	274.579	114.159	ON
130131_153541	226	ON-LINE	30	123300	1725	402087	2109.578	275.282	114.266	ON
130131_153541	226	ON-LINE	30	123300	1725	402116.9	2107.157	275.491	112.727	ON
130131_153541	226	ON-LINE	30	123300	1725	402146.9	2097.878	275.137	115.53	ON
130131_153541	226	ON-LINE	30	123300	1725	402176.9	2104.248	275.217	114.796	ON
130131_153541	226	ON-LINE	30	123300	1725	402206.9	2108.244	274.939	112.934	ON
130131_153541	226	ON-LINE	30	123300	1725	402237	2114.655	275.084	114.057	ON
130131_153541	226	ON-LINE	30	123300	1725	402267	2116.54	275.012	113.746	ON
130131_153541	226	ON-LINE	30	123300	1725	402297	2114.256	275.652	115.465	ON
130131_153541	226	ON-LINE	30	123300	1725	402327	2115.743	274.031	115.017	ON
130131_153541	226	ON-LINE	30	123300	1725	402357	2107.63	275.53	113.975	ON
130131_153541	226	ON-LINE	30	123300	1725	402387	2106.572	274.979	115.161	ON
130131_153541	226	ON-LINE	30	123300	1725	402417	2117.631	275.009	114.31	ON
130131_153541	226	ON-LINE	30	123300	1725	402446.9	2113.08	275.114	115.036	ON
130131_153541	226	ON-LINE	30	123300	1725	402477	2115.7	275.889	114.047	ON
130131_153541	226	ON-LINE	30	123300	1725	402506.9	2122.593	274.557	114.089	ON
130131_153541	226	ON-LINE	30	123300	1725	402537	2094.721	276.877	114.846	ON
130131_153541	226	ON-LINE	30	123300	1725	402567	2106.845	275.661	114.237	ON
130131_153541	226	OFF	30	123300	1725	402590.6	2098.794	275.302	114.288	ON
130131_153541	226	Yellow Warning	30	123300	1725	402590.6	2098.853	274.387	114.333	ON
130131_153541	226	Yellow Warning	30	123300	1725	402590.6	2098.853	274.387	114.333	ON
130131_153541	226	Cleared	30	123300	1725	402590.6	2098.672	274.463	114.255	ON
130131_153541	226	Cleared	30	123300	1725	402590.6	2098.672	274.463	114.255	ON
130131_153541	226	Yellow Warning	30	123300	1725	402590.6	2098.672	274.463	114.255	ON

130131_153541	226	Yellow Warning	30	123300	1725	402590.6	2098.672	274.463	114.255	ON
130131_153541	226	Cleared	30	123300	1725	402590.6	2098.417	274.933	113.994	ON
130131_153541	226	Cleared	30	123300	1725	402590.6	2098.417	274.933	113.994	ON
		OFF-LINE	30	123300	1725	402620	2077.395	341.597	128.986	ON
		OFF-LINE	30	123300	1725	402649.9	2094.438	357.141	133.28	ON
		OFF-LINE	30	123300	1725	402680	2104.536	349.941	127.883	ON
		OFF-LINE	30	123300	1725	402709.9	2108.378	341.08	123.8	ON
		OFF-LINE	30	123300	1725	402740	2121.338	11.414	135.572	ON
		OFF-LINE	30	123300	1725	402770	2112.03	77.429	159.772	ON
		OFF-LINE	30	123300	1725	402800	2104.258	75.321	152.946	ON
		OFF-LINE	30	123300	1725	402830	2116.849	164.066	143.088	ON
130131_155356	UL001	ON	30	123300	1725	402852.1	2116.092	195.733	122.688	ON
130131_155356	UL001	ON-LINE	30	123300	1725	402882	2130.989	194.17	128.713	ON
130131_155356	UL001	ON-LINE	30	123300	1725	402911.9	2132.731	194.278	139.54	ON
130131_155356	UL001	ON-LINE	30	123300	1725	402942	2131.497	192.781	143.811	ON
130131_155356	UL001	ON-LINE	30	123300	1725	402971.9	2124.645	191.723	147.881	ON
130131_155356	UL001	ON-LINE	30	123300	1725	403002	2130.815	192.079	146.887	ON
130131_155356	UL001	OFF	30	123300	1725	403007.1	2132.06	192.002	146.698	ON
130131_155356	UL001	Yellow Warning	30	123300	1725	403007.1	2131.847	192.401	145.543	ON
130131_155356	UL001	Cleared	30	123300	1725	403007.1	2132.285	194.962	143.855	ON
130131_155356	UL001	Yellow Warning	30	123300	1725	403007.1	2132.285	194.962	143.855	ON
130131_155356	UL001	Yellow Warning	30	123300	1725	403007.1	2132.285	194.962	143.855	ON
130131_155356	UL001	Cleared	30	123300	1725	403007.1	2133.093	197.131	142.096	ON
130131_155356	UL001	Cleared	30	123300	1725	403007.1	2133.093	197.131	142.096	ON
		OFF-LINE	30	123300	1725	403036.9	2114.259	265.529	99.972	ON
		OFF-LINE	30	123300	1725	403067	2118.481	286.067	95.891	ON

		OFF-LINE	30	123300	1725	403097	2127.101	287.331	97.792	ON
		OFF-LINE	30	123300	1725	403126.9	2097.555	288.402	102.808	ON
		OFF-LINE	30	123300	1725	403157	2107.718	286.63	98.241	ON
		OFF-LINE	30	123300	1725	403186.9	2104.949	289.055	98.498	ON
		OFF-LINE	30	123300	1725	403217	2104.677	299.201	97.089	ON
		OFF-LINE	30	123300	1725	403246.9	2118.161	332.571	101.168	ON
		OFF-LINE	30	123300	1725	403277	2103.275	94.147	158.922	ON
	227	Yellow Warning	30	123300	1725	403277	2122.989	71.644	143.182	ON
	227	Cleared	30	123300	1725	403277	2122.964	72.278	142.71	ON
		OFF-LINE	30	123300	1725	403307	2123.059	75.96	142.546	ON
130131_160131	227	ON	30	123300	1725	403307.9	2123.406	78.347	142.507	ON
130131_160131	227	ON-LINE	30	123300	1725	403336.9	2129.409	78.394	140.136	ON
130131_160131	227	ON-LINE	30	123300	1725	403367	2136.463	78.581	142.798	ON
130131_160131	227	ON-LINE	30	123300	1725	403396.9	2125.517	77.659	146.571	ON
130131_160131	227	ON-LINE	30	123300	1725	403427	2121.728	76.182	146.879	ON
130131_160131	227	ON-LINE	30	123300	1725	403456.9	2119.8	76.124	145.533	ON
130131_160131	227	ON-LINE	30	123300	1725	403487	2127.14	75.15	144.875	ON
130131_160131	227	ON-LINE	30	123300	1725	403516.9	2112.302	76.528	144.245	ON
130131_160131	227	ON-LINE	30	123300	1725	403547	2122.627	77.877	143.061	ON
130131_160131	227	ON-LINE	30	123300	1725	403576.9	2124.061	76.982	142.708	ON
130131_160131	227	ON-LINE	30	123300	1725	403606.9	2123.449	75.969	144.286	ON
130131_160131	227	ON-LINE	30	123300	1725	403637	2127.185	77.722	142.302	ON
130131_160131	227	ON-LINE	30	123300	1725	403666.9	2119.284	76.616	142.057	ON
130131_160131	227	ON-LINE	30	123300	1725	403697	2123.995	76.481	142.955	ON
130131_160131	227	ON-LINE	30	123300	1725	403726.9	2126.918	77.217	143.032	ON
130131_160131	227	ON-LINE	30	123300	1725	403757	2137.826	78.172	142.963	ON
130131_160131	227	ON-LINE	30	123300	1725	403786.9	2129.621	79.021	146.761	ON
130131_160131	227	Yellow Warning	30	123300	1725	403786.9	2128.305	76.345	145.687	ON

130131_160131	227	Cleared	30	123300	1725	403786.9	2128.517	77.389	145.659	ON
130131_160131	227	Yellow Warning	30	123300	1725	403786.9	2128.637	77.666	145.685	ON
130131_160131	227	Cleared	30	123300	1725	403786.9	2128.86	78.382	145.692	ON
130131_160131	227	ON-LINE	30	123300	1725	403817	2129.68	77.999	145.648	ON
130131_160131	227	ON-LINE	30	123300	1725	403846.9	2127.924	77.03	146.615	ON
130131_160131	227	ON-LINE	30	123300	1725	403876.9	2114.262	77.473	146.863	ON
130131_160131	227	Yellow Warning	30	123300	1725	403876.9	2114.531	77.527	143.641	ON
130131_160131	227	ON-LINE	30	123300	1725	403907	2114.498	77.811	143.707	ON
130131_160131	227	Cleared	30	123300	1725	403907	2114.482	77.965	143.73	ON
130131_160131	227	Yellow Warning	30	123300	1725	403907	2114.482	77.965	143.73	ON
130131_160131	227	Cleared	30	123300	1725	403907	2114.133	78.623	144.163	ON
130131_160131	227	Yellow Warning	30	123300	1725	403907	2115.621	76.237	143.556	ON
130131_160131	227	Cleared	30	123300	1725	403907	2115.335	76.223	143.604	ON
130131_160131	227	Yellow Warning	30	123300	1725	403907	2115.335	76.223	143.604	ON
130131_160131	227	Cleared	30	123300	1725	403907	2115.097	76.151	143.619	ON
130131_160131	227	ON-LINE	30	123300	1725	403936.9	2114.88	77.508	143.304	ON
130131_160131	227	OFF	30	123300	1725	403965.8	2116.401	76.44	142.784	ON
130131_160131	227	Yellow Warning	30	123300	1725	403965.8	2116.041	77.971	143.7	ON
130131_160131	227	Yellow Warning	30	123300	1725	403965.8	2116.041	77.971	143.7	ON
130131_160131	227	Cleared	30	123300	1725	403965.8	2116.321	80.16	144.422	ON
130131_160131	227	Cleared	30	123300	1725	403965.8	2116.321	80.16	144.422	ON
		OFF-LINE	30	116735	1725	403994.9	2088.117	158.634	160.124	ON
		OFF-LINE	30	123300	1725	404024.9	2122.268	234.88	117.013	ON
		OFF-LINE	30	123300	1725	404054.9	2112.956	278.682	105.812	ON

		OFF-LINE	30	123300	1725	404084.9	2102.72	275.253	113.514	ON
		OFF-LINE	30	123300	1725	404114.9	2093.527	274.637	115.857	ON
		OFF-LINE	30	123300	1725	404144.9	2099.523	276.626	115.127	ON
		OFF-LINE	30	123300	1725	404175	2100.472	275.556	114.979	ON
		OFF-LINE	30	123300	1725	404204.9	2125.138	342.99	124.295	ON
130131_161629	UL002	ON	30	123300	1725	404205.1	2125.625	342.69	124.082	ON
130131_161629	UL002	ON-LINE	30	123300	1725	404235	2118.323	344.986	128.027	ON
130131_161629	UL002	ON-LINE	30	123300	1725	404264.9	2123.977	344.455	128.217	ON
130131_161629	UL002	ON-LINE	30	123300	1725	404294.9	2113.775	344.014	130.066	ON
130131_161629	UL002	ON-LINE	30	123300	1725	404324.9	2114.364	344.823	130.076	ON
130131_161629	UL002	ON-LINE	30	123300	1725	404354.9	2103.442	344.81	130.885	ON
130131_161629	UL002	OFF	30	123300	1725	404367	2098.718	343.422	130.28	ON
130131_161629	UL002	Yellow Warning	30	123300	1725	404367	2099.553	343.769	129.247	ON
130131_161629	UL002	Yellow Warning	30	123300	1725	404367	2099.553	343.769	129.247	ON
130131_161629	UL002	Cleared	30	123300	1725	404367	2100.23	343.615	128.863	ON
130131_161629	UL002	Cleared	30	123300	1725	404367	2100.23	343.615	128.863	ON
		OFF-LINE	30	123300	1725	404395.9	2025.331	349.274	119.753	ON
		OFF-LINE	30	123300	1725	404425.9	1895.267	69.645	158.325	ON
		OFF-LINE	30	123300	1725	404455.9	1757.734	124.635	163.536	ON
		OFF-LINE	30	123300	1725	404485.9	1616.67	131.47	167.838	ON
		OFF-LINE	30	123300	1725	404516	1444.996	129.499	170.043	ON
		OFF-LINE	30	123300	1725	404545.9	1338.229	111.698	158.708	ON
		OFF-LINE	30	123300	1725	404576	1197.919	34.501	107.338	ON
		OFF-LINE	30	123300	1725	404605.9	1035.836	335.4	97.896	ON
		OFF-LINE	30	123300	1725	404635.9	957.256	254.471	114.32	ON
		OFF-LINE	30	123300	1725	404665.9	858.698	171.611	147.539	ON
		OFF-LINE	30	123300	1725	404695.9	705.528	88.183	141.007	ON
		OFF-LINE	30	123300	1725	404725.9	568.857	97.227	135.47	ON

		OFF-LINE	30	123300	1725	404755.9	446.016	99.26	133.535	ON
		OFF-LINE	30	123300	1725	404786	361.124	48.426	109.688	ON
		OFF-LINE	30	123300	1725	404815.9	323.735	297.716	68.079	ON
		OFF-LINE	30	123300	1725	404846	208.524	308.909	67.082	ON
		OFF-LINE	30	123300	1725	404875.9	74.273	306.781	71.851	ON
		OFF-LINE	30	123300	1725	404905.9	1.318	301.154	52.658	ON
		OFF-LINE	30	123300	1725	404935.9	-1.734	42.166	5.571	ON
		OFF-LINE	30	123300	1725	404965.9	-0.862	118.533	18.024	ON
		OFF-LINE	30	123300	1725	404995.9	-0.749	357.84	13.13	ON
		OFF-LINE	30	123300	1725	405025.9	-2.534	359.012	16.409	ON
		OFF-LINE	30	123300	1725	405056	-3.43	358.988	11.605	ON
		OFF-LINE	30	123300	1725	405085.9	-2.834	80.15	0.34	ON
		OFF-LINE	30	123300	1725	405115.9	-3.095	80.116	0.14	ON
		OFF-LINE	30	123300	1725	405145.9	-3.176	80.084	0.067	ON
		OFF-LINE	30	123300	1725	405175.9	-3.165	80.124	0.037	ON
		OFF-LINE	30	123300	1725	405205.9	-3.138	80.081	0.046	ON
		OFF-LINE	30	123300	1725	405235.9	-3.086	80.088	0.085	ON
		OFF-LINE	30	123300	1725	405265.9	-3.046	79.981	0.048	ON
		OFF-LINE	30	123300	1725	405296	-2.989	80.052	0.04	ON
		OFF-LINE	30	123300	1725	405325.9	-2.923	80.037	0.038	ON
		OFF-LINE	30	123300	1725	405356	-2.867	79.962	0.03	ON
		OFF-LINE	30	123300	1725	405385.9	-2.829	79.945	0.021	ON
		OFF-LINE	30	123300	1725	405415.9	-2.792	79.931	0.037	ON
		OFF-LINE	30	123300	1725	405446	-2.75	79.895	0.041	ON
		OFF-LINE	30	123300	1725	405475.9	-2.709	79.909	0.027	ON
		OFF-LINE	30	123300	1725	405506	-2.686	79.915	0.033	ON
		OFF-LINE	30	123300	1725	405529.6	-2.666	79.867	0.026	ON
130131_161629	LASETEST	OFF	30	123300	1725	405556	-2.646	79.829	0.025	ON

